

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.

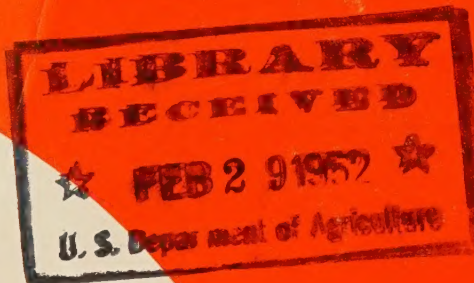


Catalog No. 150  
SPRING

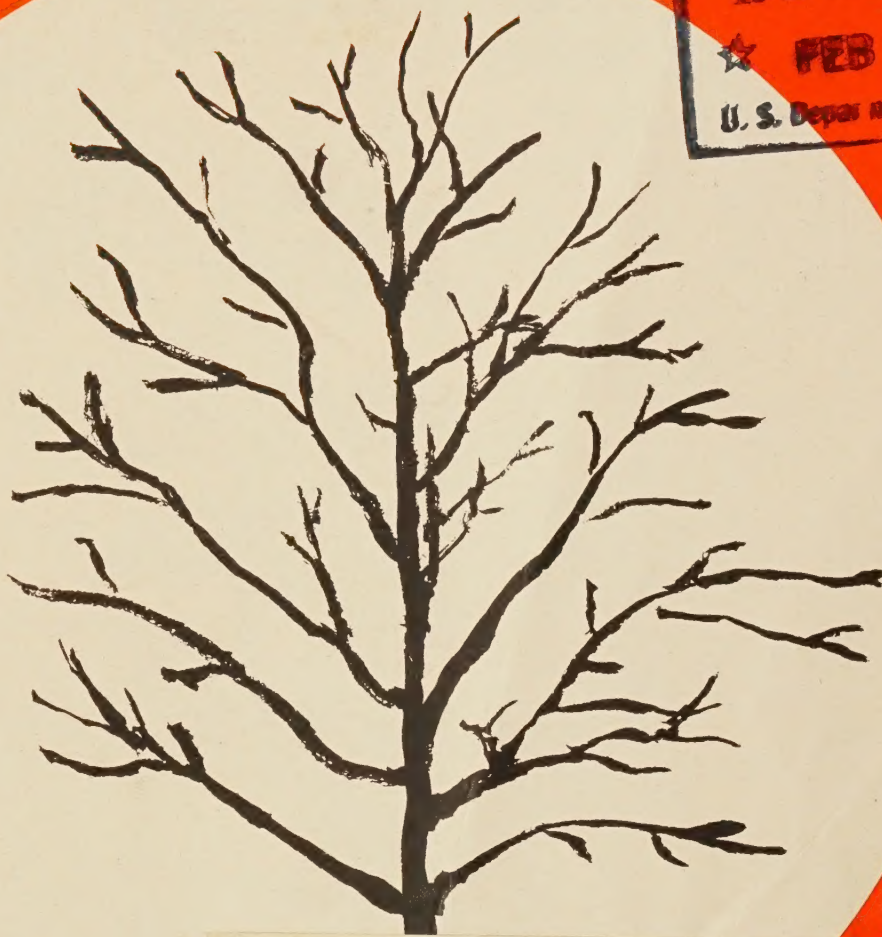
1952

# A Short Guide

TO THE BEST VARIETIES OF EVERGREENS, TREES,  
SHRUBS, VINES, FRUIT, PERENNIALS, ETC., IN SMALL SIZES  
AS WELL AS LARGE, WITH SPECIAL PRICES



Spring's Coming! Cut along dotted line

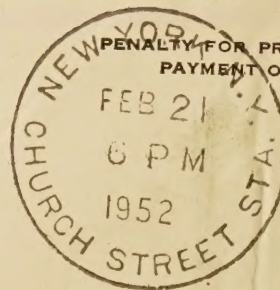


KELSEY  
NURSERY  
SERVICE

50 Church St.,  
New York 7, N. Y.

Return Postage Guaranteed

MENT OF AGRICULTURE  
LIBRARY  
WASHINGTON 25, D. C.  
OFFICIAL BUSINESS  
PRINTED MATTER



CHURCH

Library, U. S. Dept. of Agriculture,  
WASHINGTON 25, D. C.

# ORDER FORM

**Cut Off Here Or  
Use Separate Sheet**

**KELSEY NURSERY SERVICE**  
50 Church St., New York, N. Y.

Please ship me the following goods:—

Enclosed Find \$ .....

☐ Charge my account

☐ **EXPRESS (Best Method)**  
Pay Express on arrival.

☐ **PARCEL POST (4 ft. limit)**  
I enclose 10% additional for  
postage and handling.

SHIP TO:

About  
When? \_\_\_\_\_

Number	KIND AND SIZE	Amount

## How To Order

Fill in the order form and enclose check. Shipment is made with express charges collected on arrival. You will get a prompt acknowledgement of order indicating approximate shipping time.

## OUR GUARANTEE

We will allow a credit of 50% of the catalog value of any stock that dies the first year. Credit to be used on future orders as you wish.

## Order Now—Don't Wait

Unlike other things you buy, nursery stock must be ordered in advance—long before the right shipping time. Why? Because our whole year's shipments come in a few months' time and there is never enough help. Shipments are scheduled long in advance. Order now, we will ship at proper time later.

### Terms of Sale

**PACKING COSTS—Free** if cash accompanies order, except stock dug with a ball of earth. Otherwise, packing is charged at cost (usually 10% of cost of stock). Balled, heavy evergreens: we will estimate costs in advance if you wish.

**LIMITED RESPONSIBILITY**—We disclaim responsibility for any reason in amounts greater than invoiced.

**PRICES**—Net at the nursery. Transportation to be added at actual cost. Usually 5 sold at rate per 10, 50 at 100 rate.

**CLAIMS** for errors, shortages of other causes must be made within 10 days.

**PARCEL POST**—Must be prepaid. We prefer express but will send by post if instructed and if you enclose 10% to cover costs and time.

**EXPRESS** charges are extra (except in a few prepaid Special Offers). They are paid by you to the Expressman. We will estimate these costs if you like, on your order completely delivered.

# CONTENTS

	Page
Soil and Climate .....	4
Books .....	5
Home Nursery .....	6
Hedges .....	8
Young Shrubs, Trees .....	10
Ground Covers .....	16
Azaleas .....	18
Evergreens (Broadleaf) .....	20
Deciduous Shrubs .....	24
Evergreens (Conifers) .....	29
Deciduous Trees .....	36
Vines .....	42
Roses .....	44
Fruits .....	46
Perennials .....	52
Wildflowers .....	56

# INDEX

To common and proper names of plants, (except perennials, which are separately listed on pages 52 to 56 inclusive.)

Abelia .....	7,20
Abies .....	14,31
Acer.....	7,12,13,37
Aesculus .....	37
Akebia.....	42
Albizzia .....	24
Amelanchier.....	24,47
Ampelopsis.....	42
Apple.....	48, 49
Apricot .....	49
Arborvitae.....	14,15,33
Arbutus.....	17
Arctostaphylos.....	17
Aristolochia.....	42
Asarum .....	17
Asperula.....	17
Ash .....	38
Azalea.....	7,18,19

Barberry .....	11,21,24
Bayberry.....	26
Beachplum .....	47
Bearberry .....	17
Beautyberry .....	25
Beautybush.....	26
Beech .....	12,38
Benzoin .....	24
Berberis .....	11,21,24
Betula.....	12,13,37
Bignonia .....	11,42
Birch.....	12,13,37
Bittersweet.....	10,42
Blackberry .....	46
Black Haw .....	27
Blueberry .....	50
Boston Ivy .....	42
Boxwood.....	10,20
Boysenberry .....	46
Broom .....	25
Buckthorn.....	11,27
Buddleia.....	25
Bushcherry.....	47
Butterflybush.....	25
Buxus .....	10,20

Calluna .....	20
Callicarpa .....	25
Campsis .....	10,42
Carya.....	12,37
Castanea.....	37,47
Catalpa .....	37
Cedar.....	31,33
Celastrus .....	10,42
Celtis .....	37
Cephalotaxus.....	30
Cerastium.....	17
Cercis.....	12,37
Chamaecyparis .....	14,30
Chaenomeles .....	11,25
Cherry.....	40,48
Chestnut.....	37,47
Chionanthus.....	37
Christmasberry.....	27
Citrus .....	25
Cladastris.....	37
Clematis .....	42
Clethra .....	25
Cornus.....	7,12,13,25,37
Cotinus .....	38
Cotoneaster .....	7,21
Crabapple .....	39,48
Cranberry .....	28,47
Crataegus.....	11,38
Cydonia.....	11,25
Cypress.....	41,14,30
Cytissus .....	25

Daphne .....	21,25
Dawn Redwood.....	39
Deutzia .....	25
Dewberry.....	46
Diospyros .....	47
Dogwood.....	7,12,13,25,37
Dwarf Trees .....	48

Elderberry.....	47
Eleagnus.....	25
Elm .....	12,13,41
English Ivy.....	10,17,42
Epigaea.....	17
Erica .....	21
EVERGREENS.....	29 to 35
EVERG. SHRUB .....	18 to 23
Euonymus .....	10,42
Fagus .....	12,38
Ferns.....	16
Fir.....	14,31
Firethorn.....	21
Flowering Cherry.....	40
Flowering Crab .....	39
Flowering Plum.....	40
Flowering Quince .....	11,25
FORESTRY.....	10,12,14
Forsythia .....	11,25
Fothergilla.....	25
Franklinia.....	7,38
Fraxinus .....	38
FRUIT.....	46 to 51
Galax.....	17
Gaultheria.....	17
Germander.....	46
Ginkgo.....	12,13,38
Gleditsia.....	38
Goldenchain.....	38
Goldenrain tree .....	38
Grapes .....	43,51
GROUND COVER .....	16,17
Gymnocladus.....	38
Halesia.....	38
Hamamelis .....	7,26
Hawthorn.....	11,38
Heath, Heather.....	20,21
Hedera.....	10,17,42
HEDGES.....	8,9
Helianthemum.....	17
Hemlock .....	8,15,33
HERBS .....	46
Hibiscus .....	26
Hickory.....	12,37
Holly.....	7,10,21
Holly-grape.....	21
Honeysuckle.....	10,11,43,46
Horsechestnut .....	37
Hydrangea.....	26,42,43
Hypericum.....	26
Ilex.....	7,10,11,21,26
Ivy.....	17,42
Jasmine.....	42
Judas Tree.....	12,37
Juglans.....	12,13,38,47
Juneberry .....	24,47
Juniper.....	14,31
Kalmia.....	10,23
Koelreuteria.....	38
Kolkwitzia .....	26
Kudzu .....	17

# Why We Can Serve You Well

WE OFFER here fine nursery stock at low prices. We can do this because we handle the products of more than 30 growers, over 20,000 acres. Plants grown in local nurseries on suburban land worth \$1000. an acre are no whit better than ours, grown on farm land at far lower costs. We sell direct to you as principals, not in anyway as agents.

WE OFFER the most complete list we know of. No one grower can produce all varieties, hence not all parts of a long assorted order can always be shipped together. Indeed it is often advantageous to have somethings grown by specialists who grow nothing else: fruits, perennials, roses, and several of the more difficult plants, for example.

WE OFFER mostly small and medium sizes. Within these limits our prices are usually lower than most local nurseries, even when express charges are allowed for. It pays to plant small, since nursery stock increases in value as it gets older, take hold readily and shape up in a year or two.

WE ASK confidently for your order. We try to be more than fair, always.

## Kelsey Nursery Service

Catalog No. 150

SPRING

1952

# A Short Guide

TO THE BEST VARIETIES OF EVERGREENS, TREES,  
SHRUBS, VINES, FRUIT, PERENNIALS, ETC., IN SMALL SIZES  
AS WELL AS LARGE, WITH SPECIAL PRICES



*Cornus florida rubra*  
the pink-flowering  
Dogwood

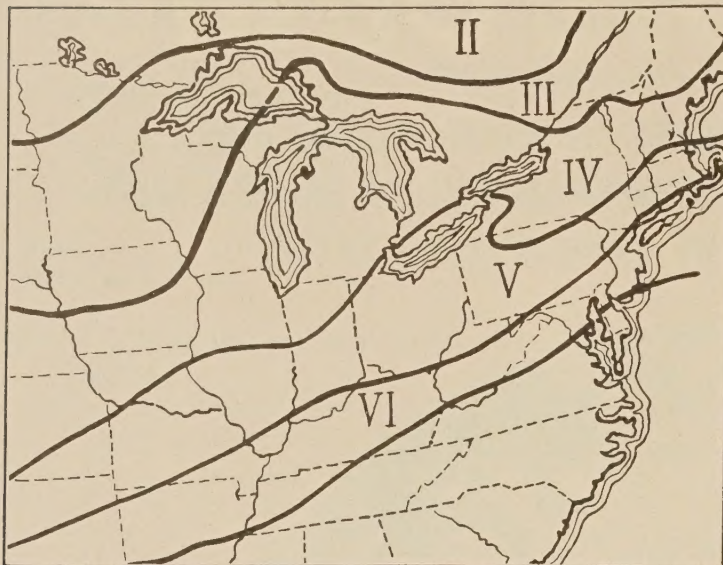
KELSEY  
NURSERY  
SERVICE

50 Church St.,  
New York 7, N. Y.

SEVENTY-FIFTH YEAR - ESTABLISHED 1878

# How To Use This Catalog

**I**N THIS SHORT GUIDE it is taken for granted that most trees and shrubs require normal food, air and water. Thus a plant needing more air than usual at its roots is marked "loose soil" or "drain". Plants very easy to grow are referred to as "tolerant", or may have no notes whatsoever.



**CLIMATE MAP**

The numbers I to VII in the map refer to Zone numbers printed after each plant name throughout this Guide. It shows the northern limit beyond which any given plant cannot grow. This is not a perfect rule. Two modifications might be mentioned. East of Indianapolis, a damper climate makes all evergreens hardier. West of Indianapolis hot western summers make deciduous trees hardier than rated in this Guide.

## Light—"sun", "shade".

Light makes the chlorophyl factory turn its wheels. All plants need some. Those that get along best on little light are marked "shade" in this Guide. Those that need a great deal are marked "sun".—Normal plants are not marked—

## Air—"loose", "heavy", "drain".

Roots get oxygen from air that filters into the earth. Some plants need more than others; these must have loose soil and will suffocate in heavy damp clays. Such plants are marked "drain"

## Water—"damp", "dry".

Roots can only use chemicals that are dissolved in water. Also, water is the means of transportation up the stem. Some plants need more than others and die in severe droughts. In the descriptions such are marked "damp". A loose soil quickly dries, a heavy soil keeps damp. Thus water and air for the roots are both present in a mixed soil.

## Food—"humus", "rich", "barren".

- Potassium—most soils have plenty.
- Phosphorus—needs to be added in most soils with fertilizer.
- Nitrogen—Fertilizer supplies it, but water quickly leaches it out, so permanent plants depend on bacteria in the soil. These bacteria depend on:—
  - Acidity of soil (lime, etc.).
  - Drainage of soil (air).
  - Humus in the soil (food).

## It Pays to Plant Things Small

Nursery stock, unlike any other merchandise, increases in value as it gets older. More precisely, a planting worth \$1000 can be set out two years earlier for \$500, or four years earlier for \$250. Plants just about double in value every two years. Moreover, the labor of planting more than doubles every two years: Three men might take two hours to plant a 20-foot tree; the same tree when 6 feet high can be set out by one man in twenty minutes!

In most trees and shrubs there are three sizes: 1. Babies that have to be nursed. 2. Transplanted young plants that need only a year or two of ordinary growth. 3. Landscape sizes, already shaped and filled out. For most gardeners, the second size is the most fun and the most economical.

Never buy the wrong thing because a young plant of it looks nice—or is cheap—because plants grow up and when mature they may not look nice nor be suitable and must be thrown away. Whatever you spent is wasted. If you cannot afford a large size of the right kind, then buy a small size and wait.

## ORDER THESE NATURAL FERTILIZERS:

Freight extra on arrival—80c to \$1. per 100 lbs., within 250 miles of shipping point in N. J. Freight is slow, order early. (Express, twice as expensive).

- 50-lb. Bags **Shredded Cow Manure**, each..... \$2.00  
Well rotted, can be applied as a direct mulch. Feels dry. (Covers 150 sq. feet.) Excellent soil conditioner.
- 50-lb. Bags **Mulchnur**, each..... \$2.00  
Contains peat-moss, manure, and enough tobacco dust to discourage cutworms, moles, etc. Fertilizing value is high. Clean, dry, shredded, ready to use. Lawns: Use 1 pound to 10 square feet. Beds, etc.: 1 pound to 2½ square feet.
- 50-lb. Bags **Hyper-Humus**, each..... \$2.00  
Peat, screened and bagged, full of soil bacteria. Fine for Rhododendrons, though only slightly acid.
- Manure Bricks**—dried, pressed, cow manure. A one-pound brick readily dissolves in 4 gal. water. Fine plant stimulant. (Postpaid E. of Miss.); 8 bricks for \$2.50.
- (50 bricks not postpaid) for..... \$13.00



**PLANT  
EATS  
POT**

## FAR BETTER THAN CLAY POTS

**Ferto-Pots** are manufactured from a rich rotted cow manure mixture in automatic pot machines and then kiln dried. The pots soften up in the moist soil and place the plant food where it is readily available to the roots of the growing plants. (No chemical fertilizers whatsoever are used in the manufacture of **Ferto-Pots**; they are entirely organic.)

Start your seeds, seedling plants, cuttings, bulbs, etc., in **Ferto-Pots** and insure quicker, better results; no wilt, no setback in transplanting; larger profits in catching the early market; less plant loss. Pot goes into the ground without disturbance or shock to the root system and continues to feed the growing plant.

## Ferto-Pots

(Postpaid)—2-in. diameter, 100 for \$2.50; 2½-in. diameter, 100 for \$2.75; 3-in. diameter, 100 for \$3.25.

the most  
helpful new book  
in a decade

**MR. JAMES B. JACK**  
The Professional Gardener

"This is something different from the general run of gardening books and contains a volume of information for anyone who wishes to advance in the whys and wherefors of gardening ... A very sound book ... worthy of highest commendation from all interested in gardening, professional or otherwise."

**MR. THEODORE A. WESTON**  
EDITOR  
The Flower Grower

"Mr. Manning has the almost unique quality of being at the same time highly instructive and enormously entertaining. He entertains while teaching and teaches while entertaining. Once I'd started "The How and Why of Better Gardening" I found myself virtually incapable of putting it down, and I'm sure that countless other gardeners who start it — beginners and old-hands alike — will find themselves in the same predicament."

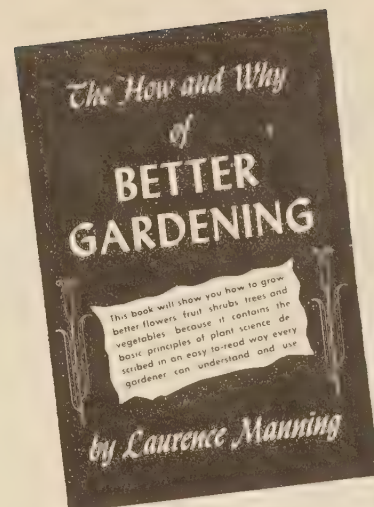
**MRS. CHARLES W. HOLTON**  
CHAIRMAN  
Book Selection Committee,  
National Council of  
State Garden Clubs

"In Laurence Manning's book we have so much wonderful and useful information, expressed in such easily comprehended language, that even a totally inexperienced reader could see every point. Soil and climate, both of such primary importance to a gardener with aspirations, are so wisely and carefully explained that they hold the interest of the reader almost as much as though they were part and parcel of a good story. This book can be highly recommended."

TEAR OFF and Send with ORDER FORM

*Want to be an  
Expert Gardener?*

Read....  
Enjoy...  
Learn...



"THE HOW AND WHY OF

## Better Gardening

by  
**Laurence  
Manning**

240 pages, illustrated.  
\$3.00 postpaid. A quick but  
thorough account of just how  
plants live and thrive. As en-  
tertaining as it is instructive.

**THE AUTHOR:** Laurence Manning is a nationally known nurseryman who has made a lifetime study of plant science. He is President of the Kelsey Nursery Service ... long-time contributor of articles to the nation's leading gardening magazines. Himself, an enthusiastic gardener, he has first-hand tips — for you!

How often should plants or shrubs be watered? Must they be "fed" regularly? How severely should deciduous trees or shrubs be pruned? How can I solve my own particular gardening problems without endless research? You find the answer to these and many other pertinent questions about gardening in "The How and Why of Better Gardening" by Laurence Manning.

Here, vividly explained and correlated, are facts you should know about the general nature of plants. Learn the effect of environment ... sun and shade, soil structure and acidity, heat and cold. Understand the functions and structure of the root, stem, leaves and flowers.

Carefully assembled for easy reference and reading, is valuable information covering sixteen specialized fields of plant science...including practical gardening suggestions every step of the way. Whether your interest is in flowers, shrubs or vegetables ... this book is for you. Reading it takes you out of the beginner's class ... puts you well on the road to becoming a gardening expert. For beginners: a must! For experienced gardeners: helpful and interesting!

☐ Please send me a copy of Manning's "Better Gardening" for \$3. ....

☐ Please send the book(s) marked on the reverse side of this sheet totalling .....

Amount

# BOOK ORDER FORM

We recommend these  
books. Prices postpaid

**How To Increase Plants (Hottes.)** Presents all the methods followed by the commercial propagator. Written especially so that the amateur can readily increase his own plants.

\$3.00

**Manual of Cultured Trees and Shrubs (Rehder).** Unique In a mere 990 pages is all most of need for complete reference. Our hardiness chart adapted from this author. New edition. \$12.00

**Dwarf Fruit Trees (Lucas).** A brief well illustrated manual. How to choose, train, prune, etc.....\$3.00

**The Book of Trees (Hottes).** Fine introduction to trees. Complete except on conifers.....\$4.00

**The Book of Shrubs (Hottes).** Grand companion to the above. Complete except Azaleas, etc.....\$4.00

**Climbers and Ground Covers (Hottes).** Complete (250 pp.) new (1948) and the only work covering these types we know.....\$3.00

**The Book of Perennials (Hottes).** Not complete on new varieties, but the best non-technical book we know \$2.75

**Azaleas (Hume).** New 1948, 184 pages. New kinds, growing practices, from author's own experience.....\$4.00

**Garden Flowers in Color (Foley).** Here is the only book to show the important garden flowers in accurately colored photographs-350 of them. Also brief culture. \$2.95

**Garden Bulbs in Color (McFarland, Hatton, and Foley).** 275 color plates form an invaluable aid to the selection and arrangement of varieties for your garden. Also 100 half-tones and cultural directions. 296 pages.....\$3.49

**The Pruning Manual (Bailey), Frank,** non-technical advice, nothing left out—a substantial volume ..\$4.00

**How To Landscape Your Grounds (Johnson).** Not to be found in any other landscape book are its planting plans covering practically every section of the country. A complete guide to the planning, construction and planting of the garden and grounds.....\$3.50

**The Weekend Gardener by Dorothy Jenkins,** Garden Editor of "N.Y. Times". \$2.75

**Edible Wild Plants (Medsger).** A complete handbook of America's edible wild plants.....\$4.00

**The Christmas Rose (Arthur and Mildred Luedy).** \$2.00

**Iris for Every Garden (Mitchell).....\$3.50**

**Garden Lilies (Alan and Esther Macneil).....\$4.00**

**The New Book of Lilies (Jan De Graaff). ....\$3.50**

**Fruits for the Home Garden (U.P. Hedrick).** A practical book for the amateur or expert.....\$3.50

**Herbs: How to Grow Them and How to Use Them Webster.....\$2.50**

**The Plant Doctor (Dr. Cynthia Westcott)** Disease and insect control in your garden.....\$3.00

**The Gardener's Bug Book (Westcott).** How to recognize control and destroy insect pests. ....\$4.95

**Plant Disease Handbook (Westcott).** Quick prevention and control of disease \$7.50

**America's Garden Book (Bush-Brown).** A complete garden library in one volume. ....\$4.00

**Rhododendrons for Everyone (Kingdon-Ward)...\$1.00**

**The Rock Garden and Alpine Plants (Phillips).....\$3.75**

**Gardening: A Complete Guide (Montague Free).** Authoritative and complete instructions on all type of gardening.....\$4.75

**Hortus Second—Garden Dictionary (Bailey).** Perhaps the best dictionary for America. Covers everything from forest trees to vegetables and house plants. 778 pages.....\$8.50

**The Cultivated Conifers (Bailey).** The best for the evergreens — descriptions, culture, diseases, photos. 404 pages.....\$10.00

**Standard Cyclopedia of Horticulture (Bailey).** Again, in our opinion, the best non-technical complete reference book. New edition 1947.....\$40.00

**Encyclopedia of Gardening (Taylor).** (Gold Medal of Mass. Hort. Soc.). 1,200,000 words, 500 illustrations. Sold at \$17, and now revised and reduced to \$5.00. Very complete and satisfactory.

**Success with Wild Flowers (Pellet).** 200 pages, 116 illus. Four 4-color plates. Reveals the possibilities of developing attractive floral displays in the garden thru the sole use of field and woodland natives. Includes most of the common wild flowers suited for cultivation in the Northeastern States and the best from the West. ....\$2.50

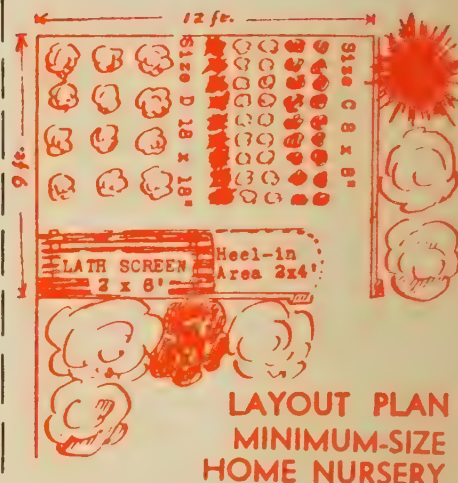
**Soils and Fertilizers for Greenhouse and Garden (Laurie and Kiplinger).** Revised. A "must" for all greenhouse operators, commercial growers and "advanced" amateurs. Covers soils thoroughly and has special recommendations for certain crops.....\$2.50

**Tree Experts Manual (Fenska).** Outstanding chapters cover the correct diagnosis of tree trouble, when and when not to spray, spray formulae, spray materials, tree feeding, soils, transplanting, pruning, tree wound dressing, bracing and cabling, tree surgery, dusting, dendrology, selection of trees, etc. ....\$5.00

**Roses for Every Garden (Dr. R. C. Allen)** Complete information on the world's favorite flower. ....\$3.50

## Start A HOME NURSERY

1. *Save money and labor*
2. *Save disappointments*
3. *Save delays*
4. *Increase your enjoyment*
5. *Rare and interesting varieties*
6. *Culture not difficult.*



### A—Seedlings or Rooted Cuttings

Must be shaded first two years. Planted 2" x 2", lath-house holds 432. After two years, must be transplanted into next grade.

### B—Once Transplanted Grade

Grown as above, or bought. (Our 2 yr. and 3 yr. Azaleas, e.g.) Space about 4" x 4" (108 in the lath-house pictured). Shaded first year, but the second year shade omitted except in drought. In 2 years, now twice transplants ("XX"), usable as hedge plants, for bedding, etc.

### C—Twice Transplanted Grade

Can be moved into open, spaced 8" x 8" (nursery pictured holds 162) and left two years. They are "shaped"; straggly branches lopped off with sharp knife. Cultivate, fertilize, water, no shade needed. After 2 years, they are XXX (three times transplanted), bushy and shapely

### D—Specimens

Every garden needs some larger, well formed plants. Such specimens are grown 2 or more years spaced 18" x 18" (nursery pictured holds 32).

# RARE PLANTS for your HOME NURSERY

Minimum order 5. If desired parcel post, add 10% to total amount on this page. (If you can use 25, your quantity discount of 10% pays the postage).

(each)  
ABELIA grandiflora 12 to 15 inch (4" pot).....\$1.60

ACER ashibeni (Redleaf japan Maple) 1 yr graft... 2.90  
--Burgundylace (red, lacey leaf) 1 yr. graft..... 3.90

AZALEA rare and unusual kinds:

--hinocrimson, evergreen, red dwarf, early May.  
--Loma, evergreen, pink, double, late May.  
--schlippenbachii, deciduous, pink, large.  
--Vuykiana palestina, evergreen, white, new.  
--Vuyk, J. Strauss, salmon rose.  
--Vuyk. PW Hardyzer, carmine rose  
Any one of 6 above: plant from 3 inch pot..... 1.60

CHAMAECYPARIS gracilis compacta 1 yr. graft.. 2.75  
--compactanana(dwarf Hinoki) 1 yr. graft (3" pot) 2.75

COTONEASTER horizontalis 6 to 10 inch (3" pot) 1.40

CORNUS rubra (Pink Dogwood) 12 to 15 inch..... 2.40  
--kousa chinensis (June) 12 to 15 inch (4" pot)... 2.40

FRANKLINIA (White, Aug to frost) 9 to 12 in. (pot).. 1.90

HAMAMELIS mollis (gold, Feb) 12 to 14 in. (4" pot). 2.90

ILEX opaca (good female) 4 to 6 in. (2 1/2" pot).... 1.60

JUNIPERUS pfitzeriana 6 to 8 inch (3" pot)..... 1.40

LAUROCERASUS Schipka (Hardy Laurel) 6 to 9 inch..... 1.60

MAGNOLIA soulangeana, 10 to 15 inch (4" pot)... 2.40  
--soul. speciosa (dwarfer, better) 9 to 12 in. B&B.. 2.40  
--stellata (Star Magnolia) 10 to 15 inch (4" pot).... 2.75  
--Stell. Waterlily 10 to 15 inch (4" pot)..... 3.50

PYRACANTHA lalandi (Firethorn) 8 to 10 in. (pot) 1.90

TAXUS Vermeulen Yew 9 to 12 inch XX..... 1.50  
--Kelsey Berrybush Yew 10 to 12 inch XX..... 2.00

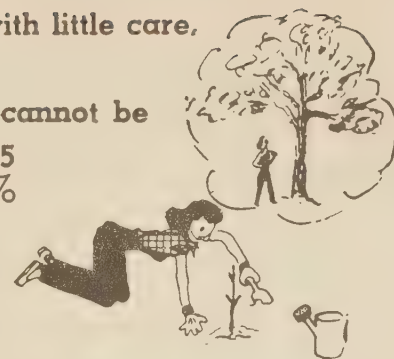
TSUGA compacta (Dwarf Hemlock) 1 yr. graft..... 2.90  
--canad. pyramidalis (semi-dwarf) 1 yr. graft (pot). 3.40  
--canad. sargentii (weeping) 1 yr. graft (4" pot)... 2.90

VIBURNUM Burkwoodi 6 to 9 inch (3" pot)..... 1.40  
--Fragrans 9 to 12 inch B&B..... 2.40

WISTARIA multijuga (Japan Long-cluster, purple)  
--Royal Purple (extra long cluters)  
--Praecox (blue, blooms young, stays dwarfer)  
Any of above 3 kinds, 2 year graft (4" pot)..... 1.60

that will in a few years, with little care, be \$10 specimens

BUY ANY FIVE: One cannot be sold alone. Minimum order 5 mixed (25 assorted at 10% discount).



## ALSO LARGER:

Here are some larger sizes. You may include them with plants at left to make up 5 minimum; but the shipment then must go express (charges collect).

(each)

ACER saccharum Monumentale (columnar form of sugar sugar maple) 2 to 2 1/2 feet B&B..... \$7.75

AZALEA arborescens (White, July)

--kaempferi (flame, May)  
--Firefly (brilliant red, May)  
--Fedora (large salmon-rose, May)  
--vaseyi (pink, May)  
Any one of above 4, 12 to 15" B&B..... 3.40

--Hinocrimson (red, May) 10 inch B&B..... 5.50  
--Maxwell (red, May) 10 inch B&B..... 3.40  
--arborescens (white, June) 15 inch B&B..... 3.40

COTONEASTER dielsiana major (scarlet fruit, autumn show) 18" B&B..... 3.40  
--foveolata 12" B&B..... 2.90

CORNUS florida (White Dogwood) 2 1/2 ft..... 1.90  
--rubra (pink Dogwood) 1 1/2 to 2 B&B..... 4.40  
2 1/2 to 3 ft. B&B..... 6.50  
--plena (double white) 18" B&B..... 5.75

LEUCOTHOE catesbaei 12 to 15" B&B..... 4.40

MAGNOLIA soulangeana 18 to 24" B&B..... 4.40  
--stellata 15 to 18 inch B&B..... 6.40  
--Stell. Waterlily 15 to 18 inch B&B..... 6.40

PIERIS japonica 6 to 9 inch B&B..... 1.90  
8 to 10 inch B&B..... 2.50

PRUNUS Yoshino 5 ft. B&B..... 5.40

TAXUS -new narrow forms of media  
--grandifolia: quite narrow, to 12'  
--pyramidalis: columnar, to 15 ft.  
--robusta: columnar, to 20 ft.  
--stricta: vertical dwarf. to 7 ft.  
--veridis: same, grass green needles  
Any one of 5 above: 2 ft. B & B..... 12.50

# LIVING FENCES

here are the best  
kinds of HEDGES  
to choose from...

The Yew hedge responds easily  
to shearing—dense, dark green.

**Yew.** For any and every purpose in which Evergreens are required the Yew can be recommended. Hardy in New England and Ontario, immune to most diseases and pests. Accommodating to an extraordinary degree, withstanding shade or full sunshine.

## Four Yew Hedges

- **TALL HEDGE**, 5 to 8 ft. high,  
3 to 4 ft. wide *Taxus capitata*  
(Upright Yew) — photo above

	(25)	(100)	(1000)
6-9 in. X ....	\$15.00	\$50.00	\$400.00
10-12 in. XX ..	30.00	110.00	.....

- **BROAD HEDGE**, 2 to 4 ft. high,  
2 to 4 ft. wide *Taxus cuspidata*  
(Spreading Yew)

12-18 in. X ...	\$18.00	65.00	550.00
10-15 in. XX..	35.00	120.00	950.00

- **LOW EDGING**, 1 to 3 ft. high,  
1 to 3 ft. wide *Taxus nana brevifolia* (Dwarf Yew)

8 to 10 in. XX	38.00	140.00	.....
----------------	-------	--------	-------

- **NARROW TALL**, 4 to 6 ft. high,  
1½ ft. wide *Taxus media Hicksi*  
(Hicks Yew)

10-12 in. XX ..	27.50	95.00	800.00
12-15 in. XX..	35.00	120.00	950.00

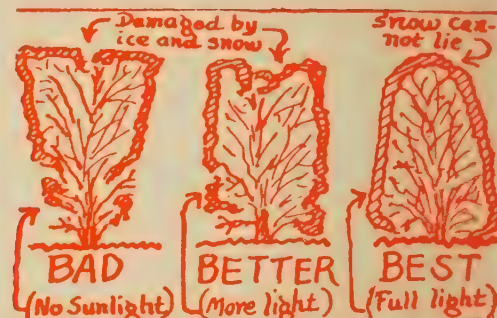
(insert) 12 - 15 inch  
Hemlock newly planted,  
and

(photo) how it looks  
8 years later.

Many of our customers  
looking ahead a few  
years, are planting  
these fine evergreen  
hedges rather than  
cheaper barberry and  
privet.



## Proper Pruning



**Hedges Must Grow.** An inch a year is enough—more if desired. When a hedge is too large, prune severely and then let soft new growth come back. Fertilize: You have to prune all the more, but you have a nice hedge!

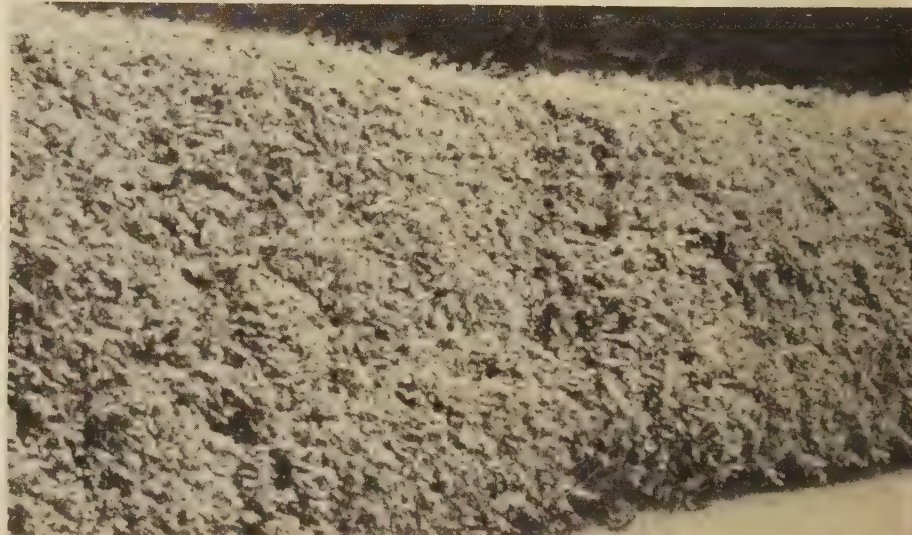
Experts agree that perfect hedges should be started from one to two feet high.

## TSUGA (Hemlock)

*Canadensis* (Northern Hemlock). 60 ft. Zone III. In forests, a majestic patriarch, but readily sheared to hedge or modest specimen sizes. Humus. Stands shade. The most beautiful native evergreen.

	(25)	(100)	(1000)
4 to 6 in. S .....	\$2.25	\$7.00	\$35.00
8 to 12 in. S .....	4.00	12.00	85.00
4 to 6 in. X .....	4.50	15.00	120.00
9 to 12 in. X .....	10.00	35.00	300.00
12 to 18 in. X .....	15.00	55.00	490.00
12 to 15 in. XX .....	18.00	70.00	
15 to 18 in. XX .....	40.00	150.00	

**Hemlock Hedge** when properly sheared gives a fine, even, smooth dark green surface unlike any other hedge. Thrives in soils ranging from ordinary to damp, and from full sun to full shade, hence is easy to grow. Set plants 1½ feet apart.



ROSA MULTIFLORA

No repairs, no maintenance problems, it just grows. No animals can get through, yet birds and small game can use it for refuge. It does not get out of hand, about 5 feet high, width not over 8 feet.

Plant a single row, 1 foot apart. Cut back roots to 8 inches, tops to 3 or 4 inches on planting. Mulching is very beneficial—leaves, hay, sawdust, or whatever you have. Effective in three or four years, mature in seven.

Supply limited and in heavy demand Order NOW

	(100)	(1000)
6-12 in. S .....	\$6.00	\$45.00
12-15 in. S .....	7.50	60.00



Two hedges: Poplar and Arbovitae. In another year or two the evergreen hedge will be big enough. Then the poplars can be cut down.

Planting Distance (ft.)	THE BEST HEDGE PLANTS	Prune/Shear	Approx. Hgt. (feet)	Approx. Width (feet)	Normal Growth
	For prices and descriptions of each see index				
EVERGREENS					
1 1/2	Chamaecyparis plumosa	S	6	3	med.
1 1/2	Taxus cuspidata (capitata)	S	8	4	med.
1	" " nana	S	2	2	slow
2	" " (spreading)	P	3	4	med.
1 1/2	" media Hicksii	S	6	2	med.
1 1/2	" " Kelseyi	S	5	3	med.
1 1/2	Thuja occidentalis	P	6	2	med.
1 1/2	Tsuga canadensis	S	8	5	fast
EVERGREEN SHRUBS					
1 1/2	Buxus sempervirens	S	5	3	slow
1 1/3	" " suffruticosa	S	1	1 1/2	slow
1	" " Koreana	S	1	1	slow
2	Laurocerasus schipkaensis	P	3	4	fast
DECIDUOUS SHRUBS					
1	Berberis thunbergii	S	3	3	med.
2 3/4	" " minor	S	2	2	slow
1	Ligustrum Ibolium	S	5	3	fast
1 1/2	" ovalifolium	S	6	3	fast
1 1/2	Rhamnus cathartica	S	8	5	fast
1 1/2	Euonymus alatus compacta	S	5	4	med.
DECIDUOUS TREES					
2	Populus nigra italica	—	25	5	fast
2	Ulmus pumila	S	15	7	fast

LIVING CARPETS



↑ PACHYSANDRA

↓ HONEYSUCKLE



RARE EVERGREEN GROUND COVERS

Hardy Galax (Galax aphylla)			
Large bronze and green leaves. Moist shade.			
Clumps with ball.....	(10)	(25)	(100)
	\$4.50	\$8.00	\$25.00
Trailing Arbutus (Epigaea repens)			
Flax pink, May. Zone II, acid soil, semi-shade.			
Ball clumps.....	6.00	10.00	30.00
Maconee Bells (Shortia glacifolia)			
Rarest of all. Zone V,			
Clumps.....	6.00	10.00	30.00
Box Sand-myrtle (Leptophyllum buxifolium)			
Tiny spreading evergreen shrub, acid soil, sun.			
Clumps B&B.....	15.00	30.00	100.00

# LIVING FENCES

The Yew hedge responds easily to shearing—dense, dark green.

**Yew.** For any and every purpose in which Evergreens are required the Yew can be recommended. Hardy in New England and Ontario, immune to most diseases and pests. Accommodating to an extraordinary degree, withstanding shade or full sunshine.

## Four Yew Hedges

- **TALL HEDGE**, 5 to 8 ft. high, 3 to 4 ft. wide *Taxus capitata* (Upright Yew) — photo above

	(25)	(100)	(1000)
6-9 in. X ....	\$15.00	\$50.00	\$400.00
10-12 in. XX ..	30.00	110.00	.....

- **BROAD HEDGE**, 2 to 4 ft. high, 2 to 4 ft. wide *Taxus cuspidata* (Spreading Yew)

12-18 in. X ...	\$18.00	65.00	550.00
10-15 in. XX..	35.00	120.00	950.00

- **LOW EDGING**, 1 to 3 ft. high, 1 to 3 ft. wide *Taxus nana brevifolia* (Dwarf Yew)

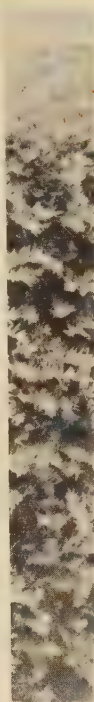
8 to 10 in. XX	38.00	140.00	.....
----------------	-------	--------	-------

- **NARROW TALL**, 4 to 6 ft. high, 1½ ft. wide *Taxus media Hicksi* (Hicks Yew)

10-12 in. XX ..	27.50	95.00	800.00
12-15 in. XX..	35.00	120.00	950.00

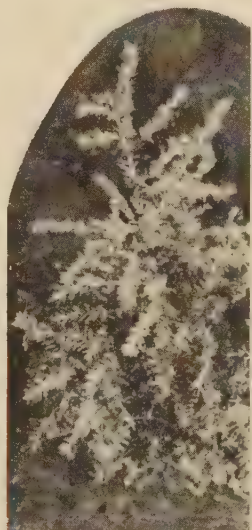
(insert) 12 - 15 inch Hemlock newly planted, and (photo) how it looks 8 years later.

Many of our customers looking ahead a few years, are planting these fine evergreen hedges rather than cheaper barberry and privet.



**TSUGA**  
Canada  
a major  
species  
native

4 to  
8 to  
4 to  
9 to  
12 to  
12 to  
15 to



## SPECIAL QUANTITY PRICES

## YOUNG TREES AND SHRUBS

**PLANTING** The first thing is to keep the package moist. Only when the planting bed is ready do you open it, and even then remove only one plant at a time from its wrapping to plant it. This is particularly important with evergreens, but good sense with all plants. The planting must be done with fingers, not tools. The quicker the better — twenty seconds per plant is average.

**SOIL**—should be loose and friable, and absolutely must contain some humus. Add peat moss if necessary.

**SHADE** must be provided for a newly planted young evergreen. Usually only for the first summer, but very young ones need it for two summers. Deciduous trees, shrubs and vines need none.

**WATER** is usually critical the first week or two. Soak thoroughly when planting. Then again the next day. After that do not water oftener than once a week. But you can spray the leaves a few seconds at a time if the weather turns warm.

**PRUNING** is usually essential. Prune freely. Never cut a new plant to the ground, but to a 2 or 3-inch stub is all right. Don't fear to "lose" so much top — you'll get it back in a year ... and more, and bushier than if you didn't prune. (Upright growing evergreens, of course, must never have their tops cut — you trim the sides.)

## YOUNG VINES

(25) (100) (1000)

### BIGNONIA (Climber)

— *radicans* (Trumpet Creeper)

12 in. S ...	3.00	9.00	50.00
--------------	------	------	-------

### CELASTRIS (Bittersweet)

— *orbiculatus* (Oriental)

12 in. S ...	3.00	9.00	50.00
--------------	------	------	-------

— *scandens* (American)

12 in. S ...	3.00	9.50	50.00
--------------	------	------	-------

### EUONYMUS

— *coloratus* (wine-red in winter)

6-12 in. X	12.00	40.00	250.00
------------	-------	-------	--------

— *vegetus* (shrubby, showy fruit)

8-10 in. X...	13.50	52.00	500.00
---------------	-------	-------	--------

### HEDERA (Evergreen Ivy)

— *helix* (English Ivy)

2¼ in. pots ..	7.50	24.00	200.00
----------------	------	-------	--------

— *baltica* (Hardier Baltic Ivy)

2¼ in. pots ..	7.50	24.00	200.00
----------------	------	-------	--------

### LONICERA (Honeysuckle)

— *Heckrotti* (Everblooming)

1 year .....	9.00	32.00	.....
--------------	------	-------	-------

— *Japanica* (Japanese)

12 in. X .....	6.50	18.00	150.00
----------------	------	-------	--------

— *sempervirens* (Evergreen)

1 year .....	3.00	9.00	60.00
--------------	------	------	-------

### PARTHENOCISSUS (Ampelopsis)

— *quinquefolia* (Virginia Creeper)

12 in. S .....	5.00	15.00	100.00
----------------	------	-------	--------

### WISTERIA

— *Chinensis* (Blue Chinese)

1 year S ....	6.00	20.00	.....
---------------	------	-------	-------

## EVERGREEN SHRUBS

(25) (100) (1000)

### BUXUS (Boxwood)

— *suffruticosa* (Dwarf, English)

3-4 in. X ...	12.00	40.00	330.00
---------------	-------	-------	--------

### ILEX (Holly)

*Opaca* (Amer. Holly) **Female** Cuttings.

6-12 in. X ...	12.00	40.00	330.00
----------------	-------	-------	--------

— *glabra* (Inkberry)

3-6 in. S .....	10.00	60.00	
-----------------	-------	-------	--

6-12 in. X ...	12.50	45.00	370.00
----------------	-------	-------	--------

— *crenata* (Jap. Holly)

4-6 in. X ....	12.00	40.00	330.00
----------------	-------	-------	--------

### KALMIA

— *latifolia* (Laurel)

9-12 in. S ...	5.00	15.00	135.00
----------------	------	-------	--------

12-15 in. S ..	7.00	22.00	200.00
----------------	------	-------	--------

### LEUCOTHOE

— *cataesbaei*

9-12 in. S ...	5.00	15.00	135.00
----------------	------	-------	--------

12-15 in. S	7.00	22.00	200.00
-------------	------	-------	--------

### PIERIS

— *Japanica* (Japanese Andromeda)

2 in. pots ..	12.00	40.00	330.00
---------------	-------	-------	--------

8-10 in. X..	15.00	55.00	470.00
--------------	-------	-------	--------

### RHODODENDRON

— *Maximum*

9-12 in. S..	5.00	15.00	135.00
--------------	------	-------	--------

12-15 in. S	7.00	22.00	200.00
-------------	------	-------	--------

— *carolina*

12-15 in. S	8.00	25.00	220.00
-------------	------	-------	--------

— *catawbiense*

12-15 in. S	8.00	25.00	220.00
-------------	------	-------	--------

# Deciduous Shrubs For Mass Planting

50 at the 100 rates, 300 of one kind at 20% off 100 rates

**BERBERIS Thunbergi** Japanese Barberry) Zone IV. Bush to 5 ft. Red berries.

	(10)	(25)	(100)
*9-12 in. S .....	\$ 4.50	\$13.50	
12-15 in. X \$4.00	9.00	35.00	

**B. thunbergii Atropurpurea.** The same, with purple-red leaves.

*6-12 in. S .....	6.00	20.00	
12-15 in. X 5.50	12.00	45.00	

(25) (100) (1000)

**CRATAEGUS (Hawthorn) Mollis.**

3-6 in. ....	5.00	16.00	.....
--------------	------	-------	-------

— **oxycantha** (English Haw)

12-18 in. ..	12.50	40.00	.....
--------------	-------	-------	-------

**CYDONIA (Quince)**

**Japonica** (Flowering Quince)

12-18 in. ..	4.50	13.50	80.00
--------------	------	-------	-------

**FORSYTHIA intermedia** (Golden-bell). 9 ft. Zone IV. Yellow, April.

*12-18 in. S	3.50	9.50	55.00
2-3 feet X	12.00	40.00	300.00

— **spectabilis** (new variety)

12-18 in. ..	4.00	12.00	75.00
--------------	------	-------	-------

— **suspensa fortune** (weeping forsythia)

12-18 in. ..	4.00	12.00	75.00
--------------	------	-------	-------

**ILEX verticellata** (Winterberry)

12-18 in. ..	4.00	12.00	70.00
--------------	------	-------	-------

**LIGUSTRUM** (Privet)

— **amurense** (Amur Privet-'North')

12-18 in. ..	4.00	12.50	75.00
--------------	------	-------	-------

— **ibolium** (Hybrid Privet)

12-18 in. ..	4.50	15.00	90.00
--------------	------	-------	-------

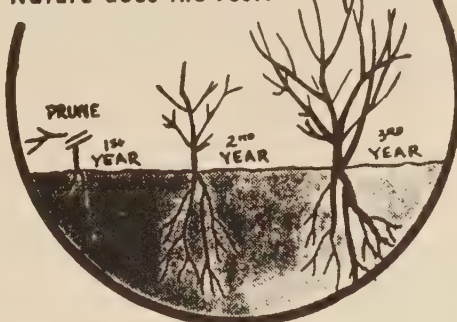
**LONICERA**

— **tatarica** (Order; Red or White)

8 ft. Zone IV. June. Red fruit, July.

*12-18 in. S	5.00	15.00	90.00
--------------	------	-------	-------

It's easy! Plant 'em,  
prune 'em, water 'em—  
Nature does the rest!



(25) (100) (1000)

**PHILADELPHUS coronarius** (Syringa) 9 ft. Zone IV. White, June, fragrant.

*12-18 in. S	4.50	15.00	90.00
--------------	------	-------	-------

— **minn. Snowflake** (Pat. 538) 8 ft.

Very durable, white, June. Zone III. New, fragrant.

18-24 in. X	30.00	110.00	.....
-------------	-------	--------	-------

**RHAMNUS cathartica** (Buckthorn) 15 ft. Zone II. Bushy, thorny hedge.

*12-18 in. S	5.00	15.00	.....
--------------	------	-------	-------

— **frangula** (Glossy buckthorn) 15 ft. Zone II. Handsomer, thorny.

18-24 in. X	15.00	50.00	.....
-------------	-------	-------	-------

**SPIRAEA Anthony Waterer.** 3 ft. Zone V. Rose, June to Aug.

4-8 in. ....	5.00	18.00	.....
--------------	------	-------	-------

— **Van Houttei** (Modern Bridalwreath)

6 ft. Zone IV. White, May.

*12-18 in. S	5.00	15.00	90.00
--------------	------	-------	-------

**SYRINGA (Lilac) common purple**

12-18 in. ..	5.00	17.50	100.00
--------------	------	-------	--------

— **Persian Lilac** (Purple)

12-18 in. ..	8.00	25.00	195.00
--------------	------	-------	--------

**VIBURNUM American** (Amer. Cranberry)

12-18 in. ..	7.50	25.00	150.00
--------------	------	-------	--------

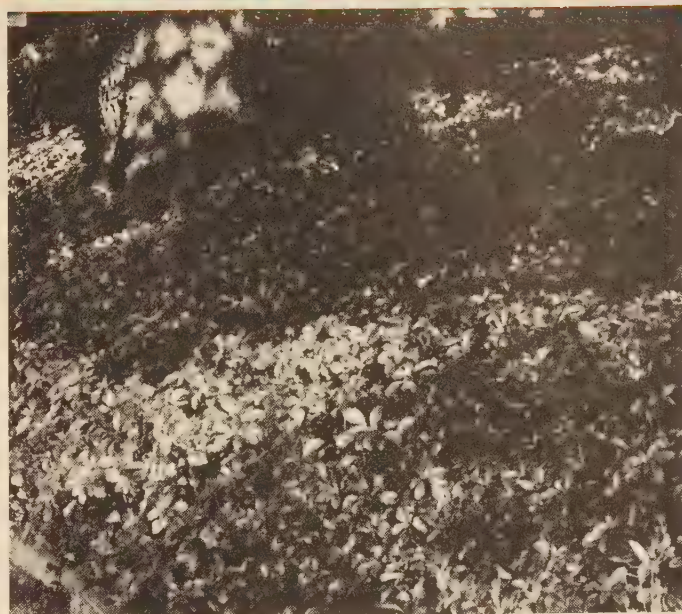
— **opulus** (Europe Cranberry)

6-12 in. ....	5.00	15.00	120.00
---------------	------	-------	--------

**WEIGELIA amabilis.** (rosea) 9 ft. Zone V. Pink, May.

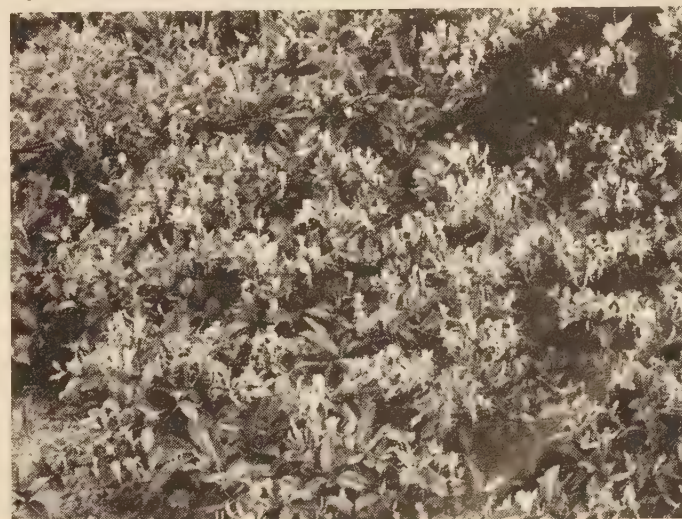
*12-18 in. S	5.00	15.00	100.00
--------------	------	-------	--------

# LIVING CARPETS



↑ PACHYSANDRA

↓ HONEYSUCKLE



## RARE EVERGREEN GROUND COVERS

**Hardy Galax (Galax aphylla)**

Large bronze and green (10) (25) (100)  
leaves. Moist shade.

Clumps with ball.....	\$4.50	\$8.00	\$25.00
-----------------------	--------	--------	---------

**Trailing Arbutus (Epigaea repens)**

Pale pink, May. Zone II, acid soil, semi-shade.  
Balled clumps.....

	6.00	10.00	30.00
--	------	-------	-------

**Iceberg Bells (Shortia glaucifolia)**

Rarest of all. Zone V,  
clumps.....

	6.00	10.00	30.00
--	------	-------	-------

**Box Sand-myrtle (Leptophyllum buxifolium)**

Thin spreading evergreen shrub, acid soil, sun.  
Clumps B&B.....

	15.00	30.00	100.00
--	-------	-------	--------

# LIVING FENCES

The Yew hedge responds easily to shearing—dense, dark green.

**Yew.** For any and every purpose in which Evergreens are required the Yew can be recommended. Hardy in New England and Ontario, immune to most diseases and pests. Accommodating to an extraordinary degree, withstanding shade or full sunshine.

## Four Yew Hedges

- **TALL HEDGE**, 5 to 8 ft. high, 3 to 4 ft. wide *Taxus capitata* (Upright Yew) — photo above

	(25)	(100)	(1000)
6-9 in. X ....	\$15.00	\$50.00	\$400.00
10-12 in. XX ..	30.00	110.00	.....

- **BROAD HEDGE**, 2 to 4 ft. high, 2 to 4 ft. wide *Taxus cuspidata* (Spreading Yew)

	(25)	(100)	(1000)
12-18 in. X ...	\$18.00	65.00	550.00
10-15 in. XX ..	35.00	120.00	950.00

- **LOW EDGING**, 1 to 3 ft. high, 1 to 3 ft. wide *Taxus nana brevifolia* (Dwarf Yew)

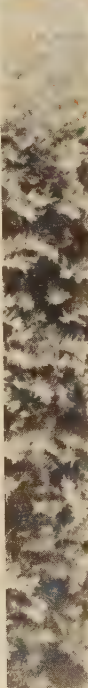
8 to 10 in. XX	38.00	140.00	.....
----------------	-------	--------	-------

- **NARROW TALL**, 4 to 6 ft. high, 1½ ft. wide *Taxus media Hicksi* (Hicks Yew)

10-12 in. XX ..	27.50	95.00	800.00
12-15 in. XX ..	35.00	120.00	950.00

(insert) 12 - 15 inch Hemlock newly planted, and (photo) how it looks 8 years later.

Many of our customers looking ahead a few years, are planting these fine evergreen hedges rather than cheaper barberry and privet.



**TSU**  
Cana  
a ma  
speci  
native

4 to  
8 to  
4 to  
9 to  
12 to  
12 to  
15 to



## SPECIAL QUANTITY PRICES

# Young DECIDUOUS Trees

An empty acre produces only taxes.  
An acre of trees, beauty, and profit.

These need pruning back upon planting. To keep a single stem: prune out all side twigs when planting, and then a month later go over the planting and again cut away all but one single stem.

	(25)	(100)	(1000)		(25)	(100)	(1000)
<b>ACER (Maple)</b>				<b>LIRIODENDRON (Tulip Tree)</b>			
<i>dasyarpum</i> (Silver Maple)				<i>tulipifera</i> (Tulip Tree)			
2-3 ft. ....	\$8.50	\$75.00		12-18 in. ....	\$5.50	\$40.00	
4-5 ft. ....	\$5.50	20.00	150.00	3-4 ft. ....	\$4.00	12.00	90.00
<i>platanoides</i> (Norway Maple)				<b>MORUS (Mulberry)</b>			
6-12 in. ..	4.00	13.00	100.00	<i>alba</i> (Russian Mulberry)			
<b>rubrum</b> (Red Maple)				12-18 in. ....	6.00	35.00	
12-18 in. ....	9.00	65.00		2-3 ft. ....	5.00	12.00	60.00
2-3 ft. ....	5.00	17.50	160.00	<b>PLATANUS (Sycamore)</b>			
<i>saccharum</i> (Sugar Maple)				<i>occidentalis</i> (American Sycamore)			
12-18 in. ....	9.00	65.00		18-24 in. ....	3.50	11.00	85.00
<b>BETULA (Birch)</b>				<b>POPULUS (Poplar)</b>			
<i>populifolia</i> (Gray Birch)				<i>nigra italica</i> (Lombardy Poplar)			
2-3 ft. ....	6.50	20.00	180.00	18-24 in. ....	3.50	9.50	70.00
<i>papyrifera</i> (Paper Birch)				3-4 ft. ....	6.50	19.00	150.00
12-18 in. ....	12.50	100.00		<b>QUERCUS (Oak)</b>			
2-3 ft. ....	6.50	20.00	180.00	<i>alba</i> (White Oak)			
<b>CERCIS (Red Bud)</b>				12-18 in. ....	5.50	16.00	95.00
12-18 in. ....	10.00	50.00		<i>palustris</i> (Pin Oak)			
18-24 in. ....	4.00	12.00	70.00	12-18 in. ....	6.00	20.00	175.00
<b>CORNUS (Flowering Dogwood)</b>				2-3 ft. ....	11.00	35.00	275.00
<i>florida</i> (White Flowering Dogwood)				<i>rubra</i> (Red Oak, Northern)			
6-12 in. S ....	12.00	65.00		18-24 in. ....	8.00	26.00	220.00
12-18 in. S ....	6.00	18.00	75.00	<b>ROBINIA (Locust)</b>			
18-24 in. S ....	7.50	22.00	150.00	<i>pseudacacia</i> (Black Locust)			
2-3 ft. X..	15.00	50.00	.....	12-18 in. ....	4.50	35.00	
<b>FAGUS (Beech)</b>				2-3 ft. ....	3.50	8.50	50.00
<i>ferruginea</i> (American Beach)				<b>SALIX (Willow)—any one kind—</b>			
12-18 in. ....	7.50	40.00		<i>babylonica</i> (Babylon Weeping)			
18-24 in. ....	3.50	9.50	60.00	<i>pentandra</i> (Laurel-leaf)			
<b>GINGKO BILOBA (Maidenhair)</b>				<i>Niobe</i> (Golden Weeping)			
6-12 in. S ....	10.00	30.00	.....	2-3 ft. ....	6.00	20.00	180.00
12-18 in. ....	15.00	45.00	.....	<b>SORBUS (Mountain Ash)</b>			
<b>HICORIA (Hickory)—any one kind—</b>				<i>aucuparia</i> (European Mtn. Ash)			
<i>laciniosa</i> (Shellbark Hickory)				12-18 in. .	5.50	18.00	150.00
<i>ovata</i> (Shagbark Hickory)				18-24 in. ....	8.00	22.00	180.00
12-18 in. ....	8.00	28.00	250.00	2-3 ft. ....	10.00	35.00	.....
3-4 ft. ....	60.00	200.00	.....	<b>ULMUS (Elm)</b>			
<b>JUGLANS (Walnut)</b>				<i>americana</i> (American Elm)			
<i>nigra</i> (Black Walnut)				2-3 ft. ....	2.50	6.50	50.00
12-18 in. ....	12.00	85.00		<i>pumila</i> (Chinese or Siberian Elm)			
2-3 ft. ....	6.00	18.00	120.00	2-3 ft. ....	4.00	9.00	70.00

Plan Ahead—Plant Now  
Young trees require little care,  
less expense and less trouble

A hole a foot deep and wide will be ample in most cases. Note the pruning of the tree to a single stick. This should be done on planting. Helps the tree and makes planting easier.

# Bargains in Larger Young Trees

5 of one kind at 10 rate,  
50 at 100 rate.

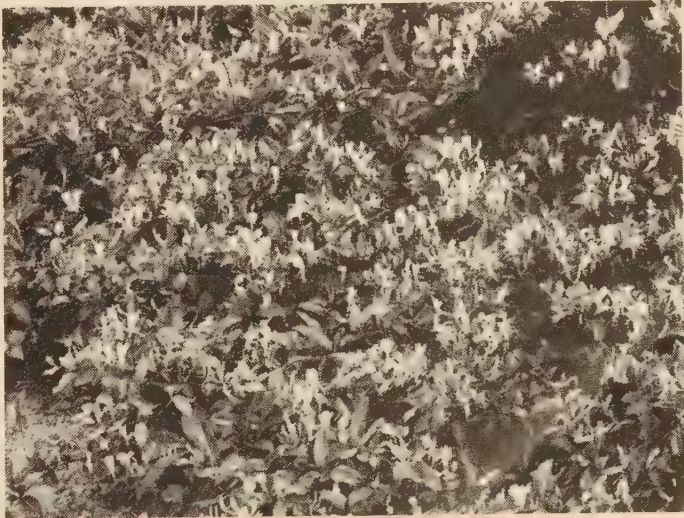


ACER (Maple)		(10)	(100)
Rubrum (Red Maple)	4-6 ft.	\$14.00	\$125.00
	6-8 ft.	18.00	150.00
saccharum (Sugar)	4-6 ft.	14.00	125.00
	6-8 ft.	20.00	180.00
BETULA ALBA (White Birch)	4-6 ft.	23.00	195.00
	populifolia (Gray)	4-6 ft.	15.00 95.00
papyrifera (Paper)	3-4 ft.	8.00	60.00
	CORNUS florida (Dogwood)	4-6 ft.	22.00 180.00
6-8 ft.		25.00	210.00
GINGKO biloba	5-6 ft.	37.50	300.00
	JUGLANS nigra	4-5 ft.	11.00 80.00
LIQUIDAMBAR	4-5 ft.	12.50	100.00
	MULBERRY tartarica	3-4 ft.	7.50 25.00
POPLAR Lombardy	5-6 ft.	6.25	55.00
	bolleana	4-5 ft.	11.00 95.00
6-8 ft.		22.00	200.00
QUERCUS (Oak)	Palustris (Pin Oak)	5-6 ft.	29.00 160.00
	Rubra (Red Oak)	5-6 ft.	20.00 135.00
ROBINIA			
(Bl. Locust)		4-5 ft.	9.50 85.00
SALIX (Willow)			
Babylonica (Weeping)	4-5 ft.	9.50	85.00
	Wisconsin (Weeping)	4-5 ft.	9.50 85.00
Golden Willow	4-5 ft.	9.50	85.00
	Golden Weeping (Niobe)	4-5 ft.	9.50 85.00
Laurel-leaf	4-5 ft.	9.50	85.00
	SORBUS (Europ. Mt. Ash)	4-5 ft.	18.50 160.00
TILIA (Amer. Linden)	4-5 ft.	15.00	120.00
	ULMUS (Amer. Elm)	5-6 ft.	13.50 125.00
Pumila (Siberian)	5-6 ft.	13.50	125.00

# LIVING CARPETS



↑ PACHYSANDRA
↓ HONEYSUCKLE



## RARE EVERGREEN GROUND COVERS

Hardy Galax (Galax aphylla)			
Large bronze and green	(10)	(25)	(100)
leaves. Moist shade.			
Clumps with ball.....	\$4.50	\$8.00	\$25.00
Trailing Arbutus (Epigaea repens)			
Flaxypink, May. Zone II, acid soil, semi-shade.			
Ball clumps.....	6.00	10.00	30.00
Macone Bells (Shortia glacifolia)			
Rarest of all. Zone V,			
Clumps.....	6.00	10.00	30.00
Box Sand-myrtle (Leptophyllum buxifolium)			
Fine spreading evergreen shrub, acid soil, sun.			
Clumps B&B.....	15.00	30.00	100.00

# LIVING FENCES

The Yew hedge responds easily to shearing—dense, dark green.

**Yew.** For any and every purpose in which Evergreens are required the Yew can be recommended. Hardy in New England and Ontario, immune to most diseases and pests. Accommodating to an extraordinary degree, withstanding shade or full sunshine.

## Four Yew Hedges

- **TALL HEDGE**, 5 to 8 ft. high, 3 to 4 ft. wide *Taxus capitata* (Upright Yew) — photo above

	(25)	(100)	(1000)
6-9 in. X ....	\$15.00	\$50.00	\$400.00
10-12 in. XX ..	30.00	110.00	.....

- **BROAD HEDGE**, 2 to 4 ft. high, 2 to 4 ft. wide *Taxus cuspidata* (Spreading Yew)

12-18 in. X ...	\$18.00	65.00	550.00
10-15 in. XX ..	35.00	120.00	950.00

- **LOW EDGING**, 1 to 3 ft. high, 1 to 3 ft. wide *Taxus nana brevifolia* (Dwarf Yew)

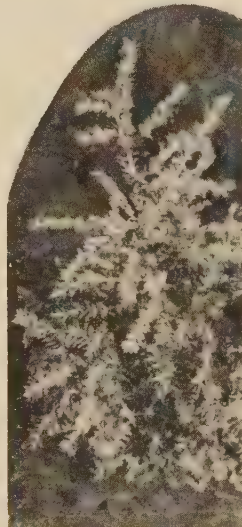
8 to 10 in. XX	38.00	140.00	.....
----------------	-------	--------	-------

- **NARROW TALL**, 4 to 6 ft. high, 1½ ft. wide *Taxus media Hicksi* (Hicks Yew)

10-12 in. XX ..	27.50	95.00	800.00
12-15 in. XX ..	35.00	120.00	950.00

(insert) 12 - 15 inch Hemlock newly planted, and (photo) how it looks 8 years later.

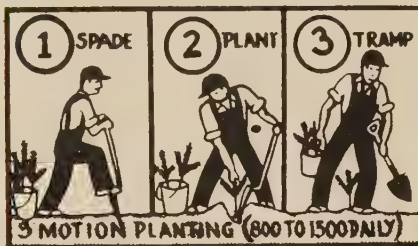
Many of our customers looking ahead a few years, are planting these fine evergreen hedges rather than cheaper barberry and privet.



## SPECIAL QUANTITY PRICES

# Young EVERGREENS

## in Quantity



### "S"—EVERGREEN SEEDLINGS

Should be planted about four inches apart in beds, shaded by a lath screen.

### "X"—TRANSPLANTS

Evergreens that have been moved, or root-pruned, form compact fibrous roots. Need less shade.

**TAXUS (Yew)** See pages 8, 33.

**TSUGA (Hemlock)** See page 8.

**ABIES (Fir)** (25) (100) (1000)  
**balsamea**, (Balsam Fir) Ideal evergreen for wet land. Best for Christmas trees.

3-6 in. S ....	\$10.00	\$ 75.00
3-6 in. X ....	\$5.00	16.00 120.00

**Douglas Fir (Pseudotsuga)**

2 yr. S .....	7.00	45.00
6-10 in. X	6.00	20.00 150.00

**CHAMAECYPARIS (Cypress)**

<b>plumosa (Plumed Cypress)</b>			
6-8 in. X....	11.00	40.00	350.00
12-15 in. X	14.00	60.00	.....

**plumosa aurea** (Golden Plume)

4-6 in. X ....	8.00	30.00	250.00
10-12 in. X	12.50	45.00	400.00

**JUNIPERUS (Junipers)**

<b>depressa plumosa (Andorra Juniper)</b>			
10-12 in. X	11.00	40.00	375.00
12-18 in. XX	25.00	90.00	750.00

**excelsa stricta** (Greek Juniper)

8-10 in. X..	12.00	40.00	375.00
--------------	-------	-------	--------

**pfitzeriana** (Pfitzer's Juniper)

6-8 in. X ....	11.00	35.00	300.00
8-10 in. X ..	14.00	40.00	395.00
10-12 in. XX	32.50	120.00	950.00

**Pfitzer aurea** (Golden Pfitzer)

4-6 in. X ....	9.50	35.00	300.00
6-8 in. X ....	18.00	65.00	.....

**virginiana** (Red Cedar)

4-6 in. S .....	4.00	12.00	75.00
6-9 in. X ....	.....	22.00	200.00
12-18 in. XX	15.00	50.00	400.00

**LARIX (Larch)**

**European Larch (Europa)**

3-6 in. S ....	2.50	7.50	60.00
9-12 in. S...	5.50	20.00	180.00

**PICEA (Spruce)** (25) (100) (1000)  
**alba** (White Spruce)

2-yr. S .....	7.50	50.00
6-9 in. X ..	5.00	16.00 150.00
8-12 in. X	7.50	22.00 175.00

**canadensis** (Black Hills Spruce)

2 yr. S .....	8.00	55.00
6-9 in. X ....	5.00	18.00 170.00
9-12 in. XX	18.00	68.00 .....

**excelsa** (Norway Spruce)

4-6 in. X ....	5.00	14.00 120.00
9-12 in. X ..	7.00	20.00 175.00

**pungens** (Colorado Spruce) color from blue to green.

2-yr. S .....	8.00	50.00
4-6 in. X ....	5.00	18.00 170.00
8-12 in. X ..	18.00	65.00 575.00
9-12 in. XX	20.00	75.00 650.00

**PINUS (Pine)**

**mughus** (Mugho Pine)

2-yr. S .....	7.50	60.00
4-6 in. X ....	6.00	20.00 150.00
6-9 in. X ....	8.00	27.50 225.00

**nigra** (Austrian Pine)

4-6 in. S ....	3.00	10.00 70.00
3-5 in. X ....	6.00	20.00 150.00
10-12 in. XX	25.00	85.00 750.00

**resinosa** (Norway Red Pine)

3-6 in. X ....	4.50	14.00 110.00
6-12 in. XX	10.00	35.00 .....

**strobus** (White Pine)

Ship into most states.

3-yr. S .....	7.50	65.00
4-6 in. X ...	4.00	13.00 100.00
8-10 in. XX	20.00	75.00 650.00

**sylvestris** (Scotch Pine)

4-6 in. S ....	2.50	10.00 70.00
5-10 in. X ...	7.00	24.00 160.00

**THUJA (Arborvitae)**

**occidentalis** (American Arborvitae or White Cedar)

4-6 in. S ....	9.00	60.00
6-10 in. X ..	6.00	20.00 175.00
9-12 in. XX	16.00	55.00 400.00

**globosa** (Globe shaped)

8-10 in. X ..	10.00	36.00 300.00
9-12 in. XX	25.00	85.00 750.00

**elegantissima** (Golden tipped A.)

8-10 in. X ..	12.50	40.00 350.00
---------------	-------	--------------

**pyramidalis** (Pyramidal A.)

8-10 in. X ..	8.50	33.00 295.00
---------------	------	--------------

Photo:—THUJA

(Arboretum)

showing:—

1. Seedling

2. Transplant  
(X)

3. Twice trans-  
planted (XX)

Note how roots  
grow bushier  
with each  
transplanting



## BARGAINS in Larger Young EVERGREENS

Twice transplanted, 5 to 7 years old, practically landscape specimens, except not balled. So express is little, about 10% extra on arrival. Roots in damp moss, safe easy planting. Real bargains these days, when B&B evergreens cost 50% extra for express!

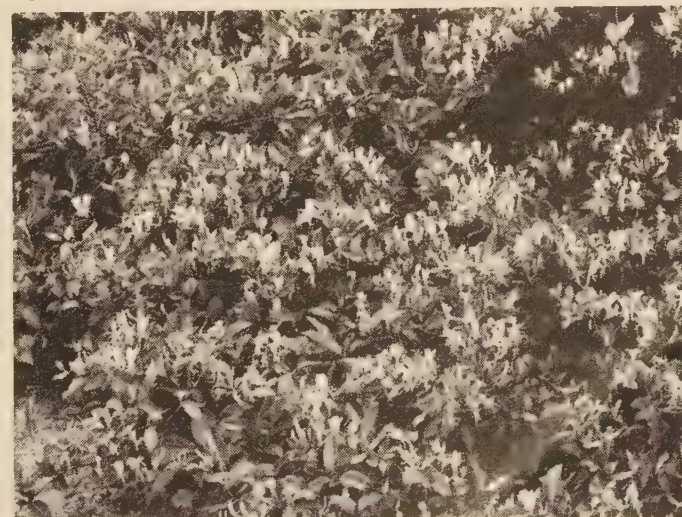
Arboretum (Thuja Occidentalis)	(25)	(100)
12-18 inch XX .....	25.00	90.00
18-24 inch XX .....	40.00	150.00
Pyramidal Arboretum		
9-12 inch XX .....	21.00	75.00
Upright Yew (Taxus Capitata)		
10-12 inch XX .....	30.00	110.00
Spreading Yew (Cuspidata)		
10-15 inch XX .....	35.00	120.00
Dwarf Yew (nana)		
8-10 inch XX .....	38.00	140.00
Hicks Yew		
12-15 inch XX .....	35.00	120.00
Vermont Yew		
10-15 inch XX .....	38.00	140.00
Douglas Fir		
12-15 inch XX .....	26.00	95.00
Pfitzer Juniper		
10-12 inch XX .....	32.50	120.00
Red Cedar		
12-18 inch XX .....	15.00	50.00
Norway Spruce		
15-18 inch XX .....	25.00	95.00
Mugo Dwarf Pine		
6-8 inch XX .....	20.00	75.00
Red Pine (resinosa)		
18-24 inch XX .....	45.00	160.00
Scots Pine		
12-18 inch XX .....	12.50	45.00
Hemlock (Tsuga canadensis)		
15-18 inch XX .....	40.00	150.00

## LIVING CARPETS



↑ PACHYSANDRA

↓ HONEYSUCKLE



### RARE EVERGREEN GROUND COVERS

Hardy Galax (Galax aphylla)			
Large bronze and green leaves. Moist shade.	(10)	(25)	(100)
Clumps with ball.....	\$4.50	\$8.00	\$25.00
Trailing Arbutus (Epigaea repens)			
Pale pink, May. Zone II, acid soil, semi-shade.			
Balled clumps.....	6.00	10.00	30.00
Conceal Bells (Shortia glaucifolia)			
Rarest of all. Zone V,			
Clumps.....	6.00	10.00	30.00
Box Sand-myrtle (Leptophyllum buxifolium)			
Very spreading evergreen shrub, acid soil, sun.			
Clumps B&B.....	15.00	30.00	100.00

# LIVING FENCES

The Yew hedge responds easily to shearing—dense, dark green.

**Yew.** For any and every purpose in which Evergreens are required the Yew can be recommended Hardy in New England and Ontario, immune to most diseases and pests. Accommodating to an extraordinary degree, withstanding shade or full sunshine.

## Four Yew Hedges

- **TALL HEDGE**, 5 to 8 ft. high, 3 to 4 ft. wide *Taxus capitata* (Upright Yew) — photo above

	(25)	(100)	(1000)
6-9 in. X ....	\$15.00	\$50.00	\$400.00
10-12 in. XX ..	30.00	110.00	.....

- **BROAD HEDGE**, 2 to 4 ft. high, 2 to 4 ft. wide *Taxus cuspidata* (Spreading Yew)

12-18 in. X ...	\$18.00	65.00	550.00
10-15 in. XX..	35.00	120.00	950.00

- **LOW EDGING**, 1 to 3 ft. high, 1 to 3 ft. wide *Taxus nana brevifolia* (Dwarf Yew)

8 to 10 in. XX	38.00	140.00	.....
----------------	-------	--------	-------

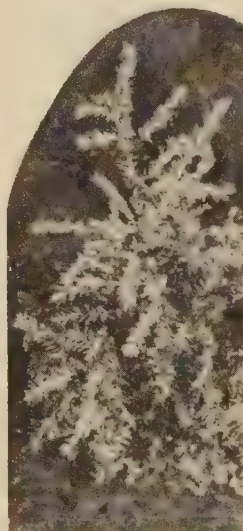
- **NARROW TALL**, 4 to 6 ft. high, 1½ ft. wide *Taxus media Hicksi* (Hicks Yew)

10-12 in. XX ..	27.50	95.00	800.00
12-15 in. XX..	35.00	120.00	950.00

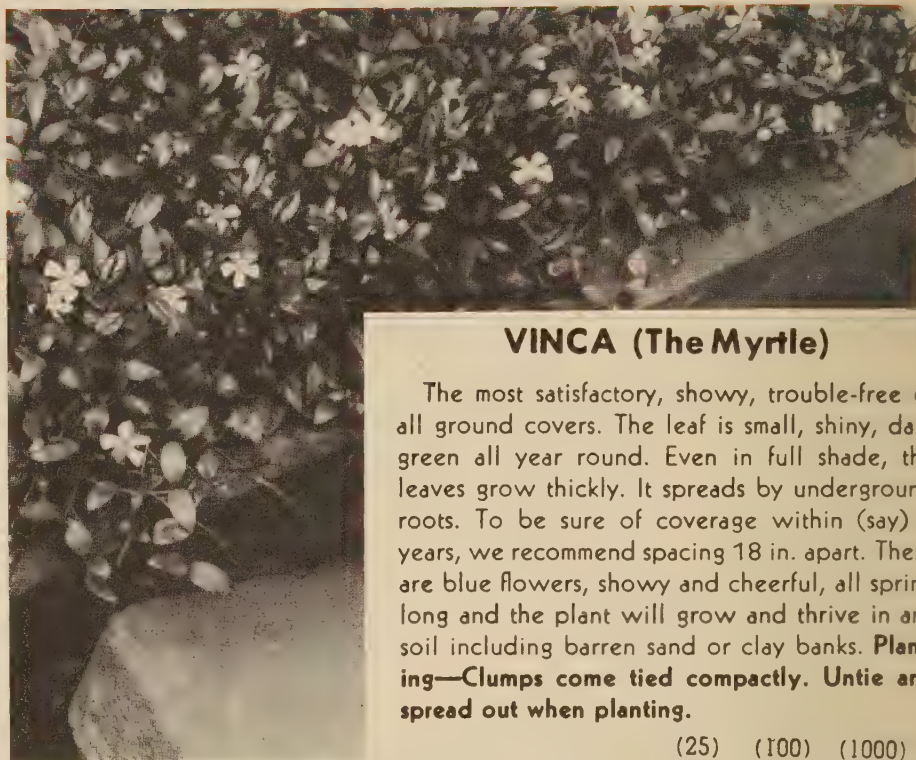
(insert) 12 - 15 inch Hemlock newly planted, and

(photo) how it looks 8 years later.

Many of our customers looking ahead a few years, are planting these fine evergreen hedges rather than cheaper barberry and privet.



## Plants that cover the ground



### VINCA (The Myrtle)

The most satisfactory, showy, trouble-free of all ground covers. The leaf is small, shiny, dark green all year round. Even in full shade, the leaves grow thickly. It spreads by underground roots. To be sure of coverage within (say) 2 years, we recommend spacing 18 in. apart. There are blue flowers, showy and cheerful, all spring long and the plant will grow and thrive in any soil including barren sand or clay banks. **Planting**—Clumps come tied compactly. Untie and spread out when planting.

	(25)	(100)	(1000)
Strong clumps.....	\$4.50	\$13.00	\$90.00

Photo: Vinca Minor

## FERNS

make fine ground covers in the shade

Each kind, \$3.60 for 12 — \$25.00 per 100 (express)

Three each any three kinds for \$3.25 postpaid



**Cinnamon fern** (*Osmunda*). 60 in. Any moist soil.

**Christmas fern**. 12 in. Dry shade. Evergreen.

**Cliff-fern** (*Polypody*). 6 in. Evergreen, drain.

**Hayscented Fern** (*Dunnstaedtia*). 18 in. Tolerant.

**Maidenhair** (*Adiantum*). Rich, moist, but drained soil. Easily grown. Showy and popular.

**Ladyfern** (*Athyrium*). 15 inch. Shade. Very attractive.

**Ostrich Fern** (*Pteritis nodulosa*). 36 in. Very tolerant. This makes a delicious, nutritious asparagus substitute. Cut in "fiddle-head" stage, wash well, boil 30 minutes.

**Ebony Spleenwort**—6 inches. Dainty and unusual. Narrow evergreen fronds. Semi-shade. This variety specially priced:— 3 for \$1.50, 6 for \$2.75 postpaid.

where grass will not thrive are

# LIVING CARPETS

## Prevent Erosion on Steep Banks

Eventually one plant will cover a large area, but on banks it is important to get the soil held quickly. We suggest bad steeps be planted 18 inches apart each way—gentler slopes 2 feet, except as noted below:

Steep slopes can be put into grass and mowed. But it is constant work and worry. The following plants do the job better. There are almost no maintenance problems. Four are inclined to get out of hand: *Hedera*, *Lonicera*, *Rose* and *Vinca*. They can, however, be rigorously pruned without the least harm.

## Ground Cover Specials

(25) (100) (1000)

**PACHYSANDRA terminalis** - Tolerant in poor soil and shade. Set 3 to each sq. ft. Zone V.

Rooted cuttings.....	\$ 9.00	\$ 80.00
Asstd. field-grown.....	\$4.00	13.50 100.00

**ROSE wichuriana (Memorial Rose)** - Branches grow quickly, droop and root. Thickset effect. Best in sun. Zone IV.

6 to 15 inch, 1 year.....	4.00	12.00	90.00
---------------------------	------	-------	-------

**ARCTOSTAPHYLOS uva-ursi (Bearberry)** - Low matting evergreen. Best cover for sandy banks—succeeds even on sea-shore. Sun, drain. Pot-grown..... 5 for \$3.50, 100 \$55.00

**HEDERA baltica (Hardy English Ivy)** - Fine ground cover, in shade or sun. Does not climb readily. Zone V.

2¼ in. pots.....	7.50	24.00	190.00
3-in. pots.....	16.00	64.00	.....

**LONICERA japonica (Honeysuckle)** - Sun or shade. Any soil. Vigorous.

1-yr. light.....	.....	8.00	35.00
12 to 18 in. X.....	6.50	18.00	140.00

**WILDTHYME (Thymus Serpyllum)** - A mat in sun or light shade that blankets the ground. Evergreen. Can be walked on. Zone III. Set 12 in. apart. Well drained soil.

Sturdy plants.....	6.00	20.00	150.00
--------------------	------	-------	--------

**HELIANTHEMUM (Sun-rose)** - Is the best for dry, poor soils in sun.

1 yr. (light).....	2.50	8.00	70.00
2 yr. ....	8.50	30.00	.....

**PUERARIA thunbergiana (Kudzu)** - Very fast, handsome, but coarse grower. Holds banks in poor soil, enriches soil nitrogen. Zone VI.

2 yr. X.....	4.50	14.00	80.00
--------------	------	-------	-------

**ASPERULA odorata (Sweet Woodruff)** - Dwarf spreading plant for carpeting dry shady places. Sweet-scented, leaf mold.

2 yr. plants.....	12.50	40.00	.....
-------------------	-------	-------	-------

**CERASTIUM (snow-in-summer)** - Low, spreading silvery foliage. Large white flowers in Spring. Popular ground cover.

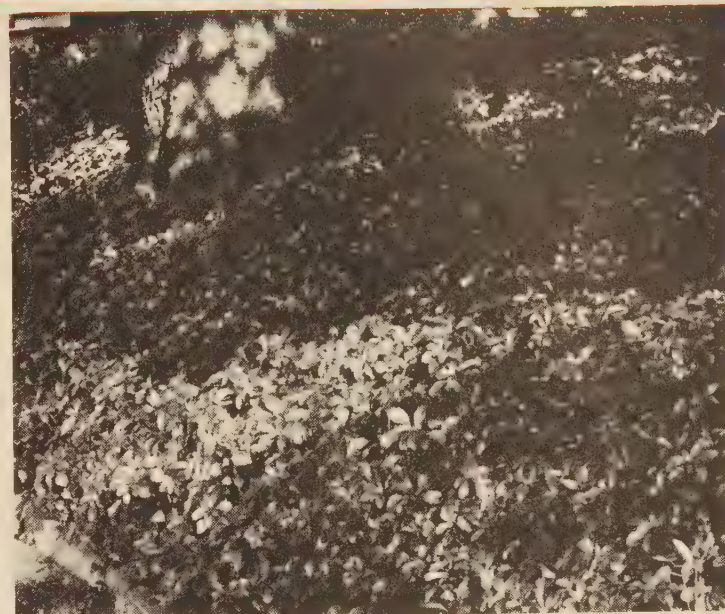
2 year plants.....	8.50	30.00	.....
--------------------	------	-------	-------

**GAULTHERIA procumbens (Wintergreen)** - Mat of evergreen leaves on dry, sunny banks in poor soil.

Strong clumps with earth.....	7.50	25.00	.....
-------------------------------	------	-------	-------

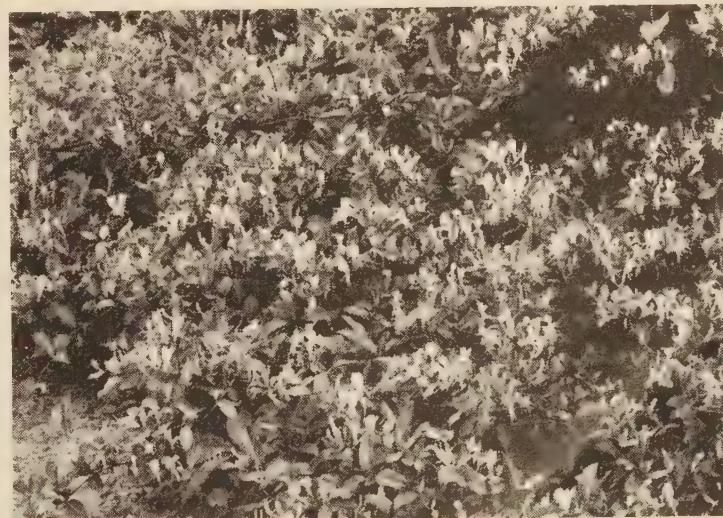
**ASARUM shuttleworthi (Mottled Wildginger)** - Large round evergreen leaves in shade.

Strong clumps with ball.....	10.00	30.00	.....
------------------------------	-------	-------	-------



↑ PACHYSANDRA

↓ HONEYSUCKLE



## RARE EVERGREEN GROUND COVERS

**Hardy Galax (Galax aphylla)**

Huge bronze and green (10) (25) (100)  
leaves. Moist shade.  
Clumps with ball..... \$4.50 \$8.00 \$25.00

**Trailing Arbutus (Epigaea repens)**

Waxy pink, May. Zone II, acid soil, semi-shade.  
Balled clumps..... 6.00 10.00 30.00

**Oconee Bells (Shortia glaucifolia)**

Rarest of all. Zone V,  
clumps..... 6.00 10.00 30.00

**Box Sand-myrtle (Lelophyllum buxifolium)**

Tiny spreading evergreen shrub, acid soil, sun.  
Clumps B&B..... 15.00 30.00 100.00

# HARDY AZALEAS

Gayest and brightest of all flowering plants. Grows best in sun or light shade. Given ordinary garden soil, Azaleas will succeed provided acid condition exists. To secure acidity there are many methods. A mulch of leaves applied every year is good. Both evergreen and deciduous kinds listed here.

## ON CHOOSING THE RIGHT AZALEA

The beginner is bewildered by the sheer number of varieties, of which these two pages list only a few of the best. There are hundreds more in existence. Surprisingly, few overlap entirely. For one thing, the color the size and nature of the azalea can vary from a low, bushy dwarf with evergreen leaves to a great ten foot bush with deciduous leaves.

For the evergreen, or nearly evergreen kinds, we have listed twelve of these older varieties grouped according to the size of shrub. Any one of these twelve kinds can be purchased in the following two sizes:

LARGE, EXTRA HARDY ZONE V	<b>Ledifolia rosea</b> —large rose, May <b>Favorita</b> —many clear pink, May <b>Mary</b> —large deep pink, mid-May <b>Betty</b> —Bright rose-pink, mid-May	Any of the 12 kinds at left:
DWARF EXTRA HARDY ZONE V	<b>Amoena</b> —rosy mauve, early <b>Hinomayo</b> —soft pink, early <b>Hexe</b> —gleaming red, May <b>Macrantha Double</b> —red, June	● 2 year XX size: 5 of one kind \$4.25 5 assorted as you wish for .... \$5.00
DWARF, HARDY ZONE VI	<b>Hinodegiri</b> —red early <b>Flame</b> —bright madder-red <b>Kirishima</b> —white & pink, mid-May <b>Snow</b> —white, May	● 10 to 15 in. B&B: Box of 5 assorted...\$19.75

ALL AZALEAS ON THESE PAGES  
ARE EVERGREEN EXCEPT  
THOSE MARKED "DECIDUOUS"

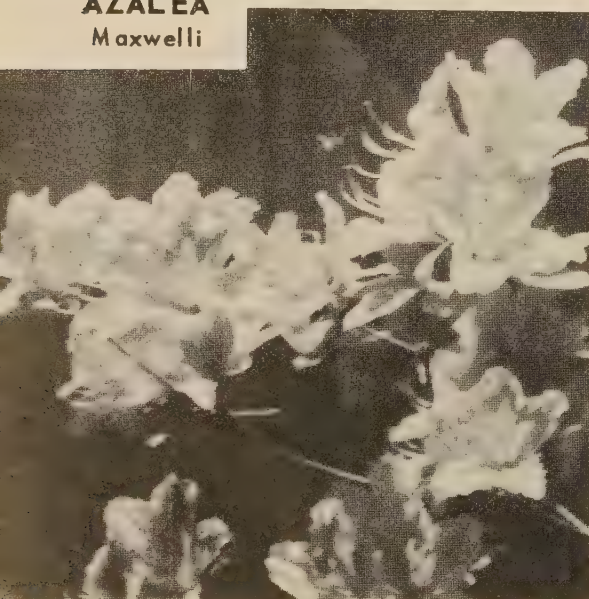
**amoena.** 4 ft. Almost a species.  
Type is rosy purple. Hardy. Zone V.

\* 2-in. pots ....10 for \$4.50, 100 \$32.00  
10-12 in. B&B .....\$3.50, 10 \$28.00  
100 \$250.00

— **COCCINEA.** Hardy as the type, but  
a good fiery red color.

\* 2-yr. XX .....5 for \$4.25, 100 \$55.00  
8-10 in. B&B .....\$3.00, 10 \$25.00

### AZALEA Maxwelli



**Arnoldiana** (Amoena x Kaempferi). 6 ft.  
Bushy. Sun, acid, humus, loose, May.  
Zone V. A new hybrid race. Very  
dense and bushy shrubs.

— **MELLO-GLO**—Cerise, washed gold.

— **MOSSIEANA**—Rich orchid. Vigorous.

\* 2-in. pots ....10 for \$5.00, 100 \$35.00  
10-12 in. B&B .....\$3.50, 10 \$28.00,  
100 \$250.00

**calendulacea** (See Page 23)

**Glenn Dale Hybrids.** New, many colors.  
Large blooms.

\* 3-yr. XX .....5 for \$6.00, 100 \$85.00  
10-15 in. B&B ....\$3.90, 10 for \$30.00

— **JOYA.** Like a large, bright pink  
**Ledifolia.** Probably Zone VI.

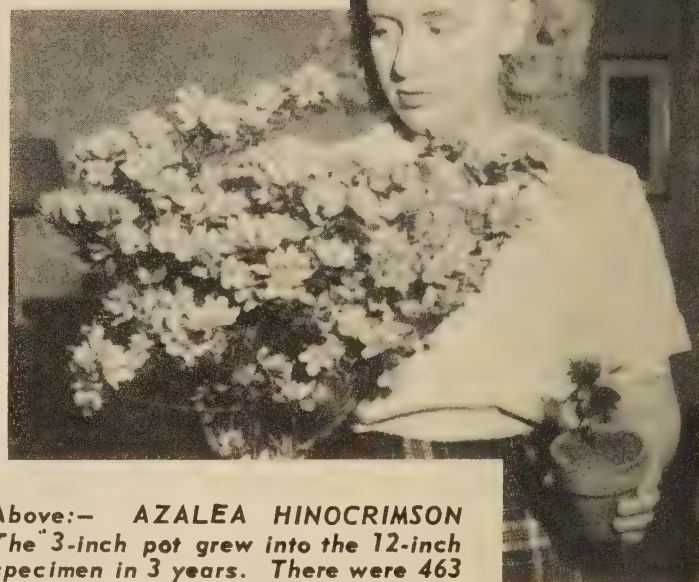
— **GLAMOUR.** Late, large and brilliant  
rose-red. Zone VI (V)?

— **DAYSRING.** Early, single, white  
blush. ZONE VI.

— **WINNER.** Early, rose-in-rose pink.

**Hexe.** Zone V. 3 ft. Compact, ever-  
green. Crimson, May.

\* 2-yr. XX .....5 for \$4.50, 100 \$60.00  
10-12 in. B&B \$3.50 each, 10 \$30.00



Above:— **AZALEA HINOCRIMSON**  
The 3-inch pot grew into the 12-inch  
specimen in 3 years. There were 463  
blooms the 3rd year.

## New Azalea—HINOCRIMSON (Zone V)

A better, hardier **Hinodegiri**. Large, Showy crimson-  
red, clean color, and does not fade, (as **Hinodegiri**  
does) shortly after opening. Fragrant.

3 inch pots .....10 for \$13.50, 25 for \$25.00  
6 to 8 in. B&B .....two for \$8.50, 10 \$37.50  
8 to 10 in. B&B .....\$6.00 each, 5 for \$27.50  
10 to 12 in. B&B .....\$7.50 each, 5 for \$32.00

**Kaempferi** (Torch Azalea). Zone IV.  
8 ft. Red to orange. May.

\* 4-8 in. X .....10 for \$6.50, 100 \$45.00  
8-10 in. B&B ...\$2.50 each, 10 \$20.00  
15-18 in. B&B \$6.00 each, 10 \$50.00

**Kaempferi Hybrids.** Semi-evergreen.  
8 ft. flowers larger and better color.  
May. Zone IV.

— **BETTY.** Brilliant rosy-pink and  
orange.

— **FAVORITA.** Prolific clear pink.

— **GRETCHEN.** Large dark mauve.

— **MARY.** Large dark pink.

— **MIGNON.** Bushy, Delicate rose

Each above named kind:

\* 3-yr. XX .....5 for \$5.50, 100 \$75.00  
8-12 in. B&B .....\$3.00, 5 for \$11.00

**Kirishima** (Damask Rose). Dwarf (6 ft.)  
Zone VI. Large blooms in May, white  
with pink center. Very showy and satis-  
factory. Rare hybrid.

\* 2 in. pots .....5 for \$2.50, 100 \$33.00

\* 2-yr. XX .....5 for \$4.50, 100 \$60.00  
10-12 in. B&B \$3.50 each, 10 \$30.00  
15-18 in. B&B \$6.50 each, 10 \$55.00

## AZALEA (Continued)

— **Kurume** (Japanese Evergreen). 2 to 4 ft. Acid, humus, various in May.

— **FLAME**. Madder-red with copper. Outstanding. Zone VI. Upright.

\* 2 yr. XX .....5 for \$4.25, 100 \$55.00  
10 in. B&B \$3.50, 10 \$28.00, 100 \$250

— **HINODIGIRI**. Brilliant red. Zone VI. Completely covered with flowers.

\* 2-yr. XX .....5 for \$4.25, 100 \$55.00  
18 in. B&B \$2.75, 10 in. B&B \$3.50

— **HINAMAYO**. Clear pink. Zone VI.

\* 2-yr. XX .....5 for \$4.25, 100 \$55.00  
10 in. B&B \$3.25, 10 \$28.00, 100 \$250

**Ledifolia** (*mucronatum*). Evergreen. 6 ft. Bushy. Acid, humus, loose. White in late May. Zone V, VI. Also called "Indica alba."

\* 2-in. pots .....5 for \$2.75, 100 \$35.00

\* 2-yr. XX .....5 for \$4.25, 100 \$60.00

\* 3-yr. XX (6-10 in.) .....5 for \$8.00

— **ROSEA** (*Magnifica*). Rose flowers.

\* 3 yr. XX .....5 for \$6.00, 100 \$75.00  
12 in. B&B ..\$4.50 each, 5 for \$20.00  
15 in. B&B ..\$6.00 each, 5 for \$27.50

**Macrantha** (*Indicum*). Evergreen. 3 ft. Dense. Acid, loose. Red in June. Zone V.

— **FLORA PLENA**. Double salmon.

— **MACRANTHA**. Salmon-red, single.

— **MACRANTHA** No. 78380. Large, deep salmon.

Each of above kind:

\* 2-yr. XX .....5 for \$4.25, 100 \$65.00  
12 in. B&B .....\$4.25, 5 for \$19.00

**Maxwelli**. Evergreen. 3 ft. Spreads. Carmine in late May. Zone VI. Striking, hardy, evergreen Azalea.

\* 2 yr. XX .....5 for \$4.25, 1.00 \$60.00  
12 in. B&B ..\$5.00 each, 5 for \$22.00

**Mollis** (Chinese Azalea). 2 to 5 ft. Sun, acid, loose. Yellow to red in May. Zone V. Easy to grow. The largest blooms of any, and striking colors. Winter effect somewhat bare.

\* 4-6 in. X .....5 for \$2.75, 100 \$35.00  
8-12 in. X .....5 for \$6.00, 100 \$80.00  
12-15 in. B&B ..\$4.50 each, 5 \$19.50

**Poukhanense** (*Yedoense* var.). 4 ft. Acid, Humus, loose. Purplish in May. Zone V. Fragrant.

3-yr. XX .....5 for \$6.00, 100 \$75.00  
10-15 in. B&B ..\$5.00 each, 5 \$19.00

## Gable's Hybrid Azaleas

These hybrids have been made in the effort to originate a hardier strain of the Japanese type of Azalea in better form and color. Live and bloom at 20° below (Zone V).

● **CLARET**. Bronze-red, single. Unusual.

**ELIZABETH GABLE**. 5 ft. Evergreen. Late May, rose-pink.

● **HERBERT**. 4 ft. Shapely, showy, magenta-red. Semi-evergreen.

**LA LUMIERE**. 7 ft. Single flame red.

**LOUISE GABLE**. 3 ft. Evergreen. Salmon, double. Late May.

● **MILDRED MAE**. Vigorous, evergreen. Lavender, red spots. Early.

● **MIRIAM**. Single bright pink.

● **LA ROCHE**. One of earliest bloomers, single, magenta-red.

● **OLD FAITHFUL**. 6 ft. Dependable, early orchid. Vigorous. Deciduous.

● **PURPLE SPLENDOR**. Fringed, hose-in-hose purple-red.

● **ROSEBUD**. Very double; pearly pink, just like a little rose.

● **ROYALTY**. Rich bright purple. Dwarf evergreen. Mid-season.

● **SPRINGTIME**. Early single pink.

● **SUSAN**. Fine single salmon-pink.

● **MARY HAWKINS**. 6 ft. hose-in-hose pink.

### PRICES:

All 15 varieties above, 4 to 9 inch, 3 years old, XX grade: Any 5 assorted for \$9.35. Five of one kind for \$8.25. 50 mixed for \$65.00.

● (12 kinds so marked also offered 10 to 12 inch B&B, \$3.90 each.)

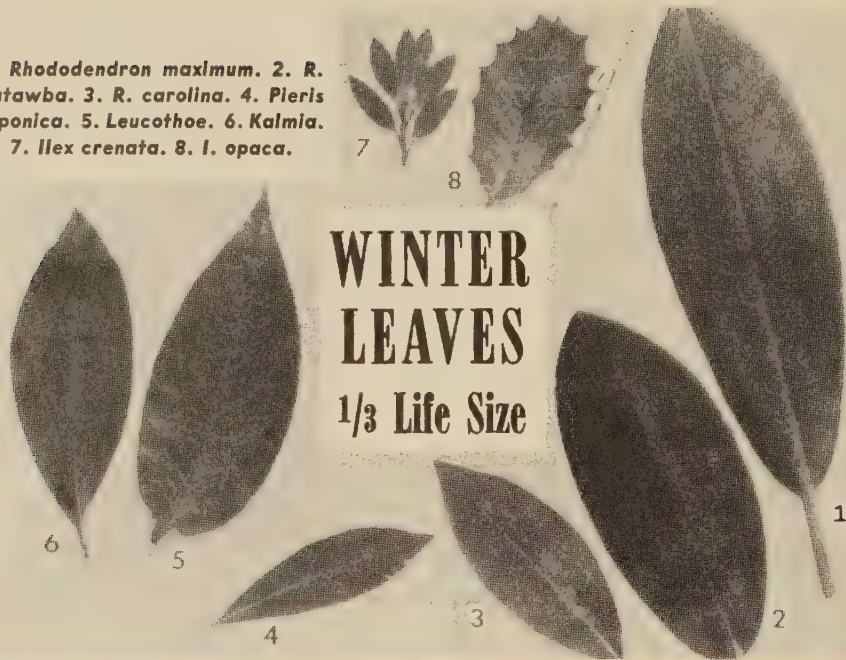
AZALEAS:- 4 *Mollis*; 5 *Hinodigiri* 6 *Ledifolia*; 7 *Schlippenbachi*



1. *Rhododendron maximum*. 2. *R. catawba*. 3. *R. carolina*. 4. *Pieris japonica*. 5. *Leucothoe*. 6. *Kalmia*. 7. *Ilex crenata*. 8. *I. opaca*.

## WINTER LEAVES

1/3 Life Size



**ABELIA.** Easily grown, tolerant evergreen shrubs. Sun.

**Edward Goucher.** New (Pink Abelia). 5 ft. Zone VI. More evergreen than above. Flowers twice as large and strong, clear pink, June to October.

\* 2-in. pots ....10 for \$5.25, 100 \$40.00  
12 to 18 in. ...\$2.00 each, 5 for \$8.00

**Grandiflora** (Glossy Abelia). 5 ft. Zone V, evergreen to Zone VI. Almost perfect shrub. Small bright leaves, graceful growth. Any soil. Sun. Pinky-white bells from June to October. Leaves bronze in winter.

\* 12 to 18 in. X ....5 for \$5.00, 100 \$75  
18 in. B&B \$3.75, 2ft. B&B \$5.00 ea.

# BROADLEAVED Evergreen Shrubs

**AZALEA** - See Pages 18-19.

ON the following pages are arranged alphabetically the really choice, showy kinds. No plants in gardens are easier to care for, once planted on suitable sites. There is, indeed, little one can do to improve some.

Their very name tells the treatment: Broad evergreen leaves transpire water constantly, so extra moisture is needed when planting and all year. Mulching helps conserve soil mixture. All easy to grow—Acid-soil kinds, however, must have acid soil.

**Abelia**



## PLANTING BROADLEAF EVERGREENS

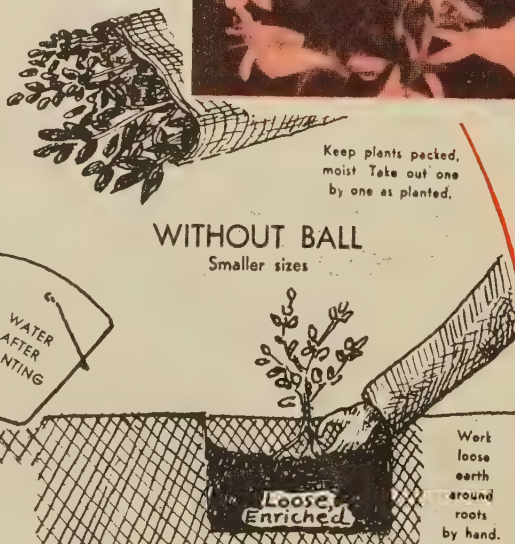
No fertilizer—little or no pruning. Mulch with leaves after planting. Water well.

### WITH BALL



### WITHOUT BALL

Smaller sizes



**BERBERIS Juliana** (Wintergreen Barberry) 6 ft. Zone V. Evergreen. Sun or shade. Flowers small, fruit black. Hardest of thoroughly evergreen. Barberries. Good stout bush. Thorny.

\* 12 to 15 in. X ...5 for \$6.50, 100 \$85.

**BUXUS microphylla Koreana** (Korean Box). 1½ ft. Zone IV. Very compact and dense. Any soil. Prefers sun. Neat edge for a garden. Winter leaves light green. This is Arnold Arboretum type.

\* 2 in. pots .....5 for \$2.50, 100 \$35.00  
15 in. B&B ..\$6.00 each, 5 for \$27.50

**Suffruticosa** (Dwarf "English"). 6 ft. Zone V. A billowy dense mass of dark green. This is the box of collectors. Small plants used for real box edging. Any soil. Sun or part shade. Splendid dense, dark effect.

\* 4 in. 1 year cuttings .....100 \$18.00  
4-6 in. X .....5 for \$3.00, 100 \$40.00  
6-8 in. B&B ..5 for \$8.00, 100 \$95.00

**CALLUNA C. vulgaris** (Scotch Heather) 2 ft. Zone V. Likes drainage, acid, wind. Evergreen. Rosy-purple, July and August.

\* 2½-in. pots ..10 for \$5.50, 100 \$45.00  
3-in. pots ...\$1.25, 10 \$9.00, 100 \$75

- *alba* (white Heather) - Early.
- *alba erecta* - Taller form, white.
- *alba minor* - Dwarf form of white.
- *aurea* - Yellow leaf, pink flower.
- *hammondi* - Robust growth. White.
- *rosea* - Pink, delicate form.
- *searlii* - Tall, late white. Loose.

**COTONEASTER.** Culture: Sun, well-drained. Tolerant.

— **horizontalis** (Rock Cotoneaster). 3 ft. Zone IV. Flat arching, densely twigged branches, half-evergreen. Pink flowers, scarlet berries.

4 in. pots .....\$1.50 each, 5 for \$7.00

— **salicifolia** (Willowleaf). 8 ft. Zone VI. Evergreen. Red fruit, dense bronze winter leaves.

\* 8-15 in. X .....5 for \$4.50, 100 \$60.00  
1½ ft. B&B ..\$4.50 each, 5 for \$18.00

**DAPHNE cneorum** (Garland Flowers). 1 ft. Zone IV. Perhaps the finest rockgarden evergreen. Very fragrant rose flowers (large) in May and again in September. Needs sun. Spreads. Our special strain tends to bloom through the summer. Makes a foot-high mat of gray-green, topped with flowers. One of the choicest small shrubs:

6-8 in. B&B ....\$1.90 each, 10 \$17.50  
8-12 in. B&B ..\$2.50 each, 10 \$20.00  
12-15 in. B&B \$3.75 each, 10 \$30.00

★=young, unformed. X=transplanted.  
B&B=ball of earth, shapely. Plants not marked: well shaped.

## ILEX—the Hollies

For northern America, English Holly is too tender. Our own native is a fine, handsome evergreen tree—well worth planting for its evergreen leaves and red berries.

— **crenata** (Japanese Holly). 18 ft. Zone VI. Showy only for evergreen leaf and thicket, cross-branched shape. Tolerant. Slow-growing.

\* 6-8 in. ....5 \$3.00, 100 \$45.00  
12 in. B&B \$4.50, 18 in. B&B \$7.50

**CONVEXA** (Box-leaf). 4 ft. Dwarf with shiny round evergreen leaf. This is a gorgeous, gleaming leaf. The shrub might substitute as hardy dwarf box. Zone V.

\* 4-6 in. X ...5 for \$2.75, 100 \$40.00  
\* 6-9 in. X 10 for \$9.50, 100 \$75.00  
12 in. B&B \$5.75, 15 in. B&B \$7.00

— **glabra** (Ink-berry). 6 ft. Zone III. Evergreen, loose bush. Tolerant even in cities. The leaf is dull, the plant only good for background or massing. When sheared becomes dense, neat, bushy.

\* 6-12 in. X 5 for \$3.50, 100 \$50.00  
12-15 in. B&B ..\$3.25, 5 for \$15.00

**ERICA camea** (Spring Heath). 1 ft. Zone V. A show of rose in the snow, lasts to May. Acid, sandy, humus. A soft mass of tiny leaves.

\* 2-in. pots .....5 for \$2.50, 100 \$35.00  
3-in. pots .....\$1.85 each, 5 for \$5.00

**EUONYMUS** — See Page 42.

**HEDERA** — See Page 42.

**KALMIA** — See Page 23.

**LEUCOTHOE** — See Page 23.

**LAUROCERASUS schipkaensis** (Hardy English Laurel). 6 ft. Zone V. A gorgeous evergreen shrub, with dark green leaves. White flower spikes in May. Very easily grown. Very fast growing.

\* 3-in. pots ..\$1.50 each, 10 for \$10.00

**MAHONIA aquifolium** (Oregon Holly-grape). 5 ft. Zone V. Holly-like evergreen. Yellow, May; purplish "grape", August. Dry, part shade.

\* 4-8 in. X .....5 for \$2.50, 100 \$40.00  
12 in. B&B ....\$4.50 each, 5 \$19.50  
18 in. B&B ....\$6.50 each, 5 \$28.00

**PACHISTIMA P. canbyi.** Evergreen clump, 9-inch. Zone V. Wonderful rock plant. Moist

3-inch pots ...\$1.50 each, 5 for \$5.50

**PIERIS floribunda** (Mountain Fetterbush). 3 ft. Zone IV. Evergreen, mound. Upright clusters white in May. Acid, humus, half shade.

\* 6-8 in. X .....5 for \$4.50, 100 \$65.00  
15-18 in. B&B ..\$7.50 each, 5 \$30.00

— **Japonica** (Japonica Andromeda). 6 ft. Zone V. Evergreen, upright shrub, with drooping wax-like bells, May. New growth is rosy-wine.

\* 6 in. X .....5 for \$4.00, 100 \$60.00  
12-15 in. B&B .....\$5.50, 5 for \$22.50  
8-12 in. B&B \$3.75 each, 5 for \$10.00

**PYRACANTHA Lalandi** (Laland Fire-thorn). Evergreen shrub to 15 ft. Zone V. A fuzz of white in May, then orange-red berries. Drain, Lime.

\* 3-in. pots .....10 \$9.50, 100 \$75.00  
18-24 in. X ...10 \$17.50, 100 \$125.00  
18-24 in. B&B \$6.00 each, 10 \$50.00

Photo: *Pieris floribunda* (low) and *Japonica* (tall)



**Opaca** (American Holly). Zone IV. 40 ft. Damp, some shade. Red berries, dull, evergreen leaf. We offer mixed sexes:

\* 6-12 in. X ....10 \$6.00, 100 \$50.00  
2-3 ft. B&B ..\$7.00 each, 10 \$65.00

**MALES.** You need one with your females, for the most berries.

3 in. pots ...10 \$12.00, 100 \$85.00

**FEMALES** (cuttings)

3 in. pots ...10 \$11.50, 100 \$80.00

**Offer:**—2 males, 4 females in 3 inch pot size .....\$7.50 postpaid

**Named Females:**

**CROONENBURG.** Form with larger berries, though no larger clusters. Young plants bear, and so freely they weigh down the bush. Zone VI.

3-in. pots 5 for \$8.00, 100 \$130.00

**HOWARD.** Zone V. Dark green leaf. Shiny, few teeth. Large clusters red berries.

3-in. pots 5 for \$6.00, 100 \$98.00

**RHODODENDRONS.** Evergreen shrubs with fine foliage. Range from dwarfs to giants. Bloom from May to July.

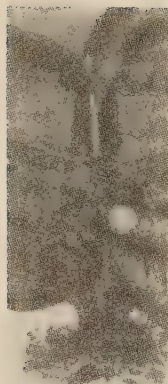
- *carolinianum*. See next page.
- *catawbiense*. See next page.
- *maximum*. See next page.

**Acid, humus, damp, loose**

1. The roots feed at the surface—do not hoe or rake. Plant them properly and thereafter water and mulch as needed.

2. Light shade, airy and open, gives best results. Only certain trees will do. The best are Oaks, Cherries, Magnolias and Birch. Their leaves make the best mulch. Avoid Beech and Maple.

## Hybrid Rhododendrons



**YOUNG HYBRIDS ON OWN ROOTS (Nearing Method).** Slower start, but more vigor in after life than grafted plants. Hardier, denser, bushier, healthier—hence longer lived. Shipment will be made late May or early June. Plants thoroughly hardened, must be shaded and watered and mulched first summer. You will note some very rare kinds. For those who will take fuller advantage of this opportunity, we offer 50 plants (your selection) for \$75. Units of 9 plants for \$13.75 (any variety in list below) are offered packed f.o.b. New Jersey. Mix varieties as you wish. Plants are one-year cuttings (about 4 inch) grown by Mr. Warren Baldsiefen.

**CATAWBA ALBA** — Compact, white. Zone V

**EVERESTIANUM**—Dwarf rosy

**BOULE DE NEIGE.** Dwarf, early white, Zone V,

**CANDIDISSIMUM.** Good white.

**CARACTACUS.** Compact, crimson. Zone V.

**CATAWBA GRANDIFLORUM.** Large Purple. Zone V.

**KETLEDTRUM**—Late deep red

**LEE'S BEST PURPLE.** Brighter.

**LUCIFERUM.** Fine white.

**MAXIMUM ROSEUM.** Hardy pink.

**PURPUREUM GRANDIFLORUM**

Extra flower, purple.

**ROSEUM ELEGANS.** Shapely, rose-pink. Zone V.

PHOTO: 1-yr. Rooted Rhododendrons



### HYBRID RHODODENDRON SEEDLINGS

These in every way resemble named hybrids except—the color of flower is unpredictable, ranging from purple, through pink and red to bluish whites. They are fairly free to bloom, hardy mostly in Zone V. The plants we offer are not babies, but transplanted at least one season in the open field.

	(10)	(100)
4 to 6 in. X .....	\$11.00	\$85.00
10 to 12 in. (Ball)	25.00	200.00

### HARDY EXOTIC SPECIES

- *discolor*. 15 ft. Zone VI. Huge white, June.
- *fortunei*. 12 ft. Zone VI. Large bluish, fragrant, May.
- *racemosum*. 4 ft. Zone (V). Small leaved dwarf. Pink, April.
- *yunnanense*. 6 ft. Zone VI. White with crimson spots, May.

Any one kind above: \$2. each, 5 for \$9.50 postpaid, for 6 to 9 inch X.



### YOUNG GRAFTED HYBRIDS

The following are from open field, dug with ball of earth. They have been pinched to make low, shapely branching, thus overcoming the common fault of grafted rhododendrons which is to grow leggy. All hardy Zone VI, and a few extra hardy ones as noted in Zone V.

**Catawbiense grandiflorum** — large lilac. Zone V.

**Caractacus** — light crimson. Zone V.

**Dr. F. Bettex** — very fine red.

**Lee's Dark Purple** — very rich full color.

**Roseum elegans** — bushy rose pink. Zone V.

**English Roseum elegans** — clear pink.

**Van Weerden Poolman** — one of the best new reds.

Any of the above mixed as you wish:—  
2 year field grown 9 to 12 inch B&B, Box of 4 for \$16.75 packed. (Any 10 for \$39.50)

We also have the following scarcer kinds, as well as all those above, in 1 year field grown, 6 to 9 inch plants, 5 or more at the ten rate of \$3.10 each. Select as you wish:—

**America** — easily the best red, though smaller than some.

**Catawbiense alba** — the best white, Zone V.

**Dr. H. V. Rutgers** — rich dark red, compact, Zone V.

**Madam Mason** — a fine white.

**Mrs. C. S. Sargent** — clean reddish pink. Zone V.

**Dr. Dresselhuys** — fine red. Fast growth.

**Prof. Bettex** — really good red.

**Purpureum elegans** — old favorite purple, Zone V.

# Native ARISTOCRATS

Rhododendrons low as 37½c, in few years, with little care, will be bushy \$10 specimens.



Most people are surprised at the speed and ease of planting. Size 1 holes need a trowel only, 3 in. deep. Even Size 3 holes take but few good shovels full. Soak heavily after planting—and every 3 days for a month. Mulch heavily with old leaves.



## SIZE 2: AS SMALL AS LOOKS SHAPELY 12 to 15 in. B & B. Clumps, 4 to 6 Stems.

These "Junior Specimens" weigh about 5 pounds per plant, individually burlapped. They are 2 years older than Size 1. Express runs about 25 cents per plant. You can expect some blooms the year after planting. These really "look like something" the day they are planted.

Rhododendron	(10)	(25)	(100)
carolina.....	\$14.00	\$35.00	\$122.00
catawbiense.....	14.00	35.00	122.00
maximum.....	12.00	27.50	100.00

Kalmia (Mountain Laurel)	(10)	(25)	(100)
latifolia.....	12.00	27.50	100.00

Leucothoe (Fetterbush)	(10)	(25)	(100)
Catesbaei.....	12.00	27.50	100.00

OFFER A: 1 each of above 5 plants for \$9.25 postpaid.

OFFER B: 5 each of above, 25 plants, for \$30. (express about \$5.)

Also Size 2 Azaleas:	(10)	(25)	(100)
calendulacea.....	\$13.00	\$27.50	\$100.00
arborescens.....	13.00	27.50	100.00
viscosa.....	13.00	27.50	100.00
nudiflora.....	13.00	27.50	100.00

## SIZE 1: AS SMALL AS CAN BE SHIPPED SAFELY. 12 to 15 in. (Ball) Plants—1 to 3 Stem.

This special "Young Aristocrat" grade measured 12 to 15 inches with a small ball, weighing one or two pounds only. This stock is not to be compared for a minute with ordinary collected plants. It is on the contrary all carefully dug, the greatest pains being taken to preserve the roots. Carefully packed, it is easily planted and makes a quick start. Shipped from North Carolina, express runs only about 8c each (in 100 lots).

Rhododendron	(25)	(100)
maximum.....	\$10.50	\$37.50
carolina.....	16.00	58.00
catawbiense.....	16.00	58.00

Leucothoe	(25)	(100)
Catesbaei.....	12.00	42.00

Kalmia (Mountain Laurel)	(25)	(100)
latifolia.....	12.00	42.00

OFFER A: 2 each above, 10 plants for \$9.25 postpaid.

OFFER B: 5 each above, 25 plants \$17.00 (express about \$2.50 on arrival).



PHOTO: A box of Size 3 Rhododendrons has just arrived.

## SIZE 3: BUSHY, HEAVY CLUMPS. 1½ TO 2 FEET, B & B.

Most are budded for at least some immediate bloom. Large enough to use at once for foundations, shrub borders. Allow about 3-ft. space, which they will fill within next few years. \$4.50 each, singly.

Any five of the following kinds, \$16.75. Express costs about \$4.00 for the 5.

**Azalea calendulacea.** Orange, June, Zone IV, to 6 feet.

**Kalmia latifolia.** Pink-white, June, Zone III, to 8 feet.

**Leucothoe Catesbaei.** White, May, Zone V, spreads to 4 ft.

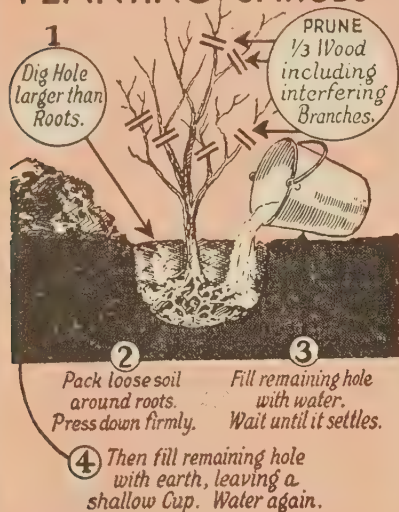
**Rhododendron carolina.** Pink, May, Zone V, to 8 feet.

**Rhododendron catawbiense.** Rosy purple, June, Zone IV, to 10 ft.

**Rhododendron maximum.** White-pink, July (shade), Zone III, to 12 ft.

# DECIDUOUS SHRUBS

## PLANTING SHRUBS

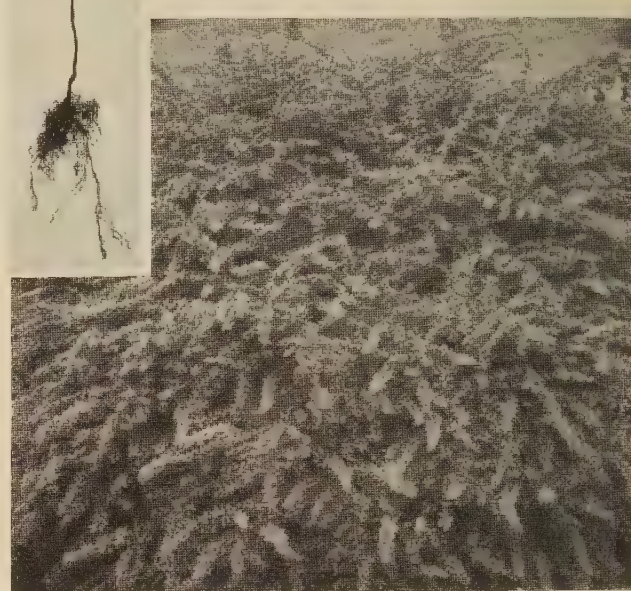


Bloom young, usually in second year. But after ten years they need 6 feet of space for best appearance. So plant 3 feet apart and arrange that every second shrub can be removed in later years. (Dwarf shrubs take just half this spacing.) Shrubs grow quickly, so small sizes (see Page 11 for some special offers) are practical for mass effects. Most kinds are in the table below and described and priced in following pages.

**PRUNING SHRUBS** - Flowers come on old wood, so the rule is to prune when in bloom or just afterward. Thus no potential bloom is lost. Natural shrub shape is to have many main stems in a clump all ascending from the ground, so prune out old branches completely at the ground line thus encouraging plenty of new vigorous shoots. Branches in flower can be taken for house decoration at the time of pruning.

**SHRUBS THAT TAKE CARE OF THEMSELVES** are marked in the tables below with a \*. These literally gain no improvement whatever from cultivation - plant 'em and forget 'em! Some are very beautiful indeed.

Thunberg's Barbary is slow (as shrubs go) yet the 1-year seedling grew into the full specimen in six years! Plant small shrubs now and save 80% of what they would cost 3 years hence.



Top: ALBIZZIA  
Bottom: AMELANCHIER



## Beauty all Year — A TIME-TABLE OF SHRUBS

SPRING	EARLY SUMMER	LATE SUMMER	AUTUMN
*Amelanchier *Benzoin aestivale *Chaenomeles (Cydonia) *Cytissus scoparius *Daphne Mezereum *Forsythia (all kinds) *Hamamelis mollis Spiraea von Houttei Syringa (most lilacs) Tamarix africana *Viburnum carlesii	*Deutzia (all kinds) *Enkianthus campanulata *Exochorda grandiflora Kolkwitzia *Lonicera (shrub kinds) Philadelphus virginal Potentilla fruticosa Rhododtypus kerroides Spiraea trichocarpa Syringa josikea *Weigelia (all kinds)	*Albizzia julib. rosea Buddleia (varieties) Calycanthus floridus Cephalanthus *Clethra alnifolia Hydrangea A. G. Hypericum prolificum Spiraea A. Waterer (fruits) *Lonicera (shrub kinds)	Hibiscus syriacus Hydrangea P. G. Vitex agnus castus (fruits) *Berberis thunbergii Callicarpa purpurea Photinia villosa Rhus cotinus *Symphoricarpos Viburnum (many kinds)

**ALBIZZIA julibrissin rosea** (Hardy Mimosa). 12 ft. Zone V. Very rare. Interesting pink flower. An unshapely shrub, but delicate Acacia leaves and "bottle-brush" blooms when blooms are scarce in July.

18 to 24 inch .....\$3.00 each postpaid  
8 ft. specimen .....\$7.50 each (express)

**AMELANCHIER Canadensis**. 20 ft. Zone IV. Thin, bushy shrub or tree. Gay white show in early July.

12 in. ....25 for \$5.00, 100 \$16.00  
2 to 3 ft. \$2.25                      5 to 6 ft. \$6.00

**BENZOIN aestivale** (Spice Bush). 12 ft. Zone IV. Damp. A mist of pale yellow in April. Red berries.

12-18 in. ....25 \$5.00, 100 \$16.00  
2-3 ft. \$1.50                      4-5 ft. \$3.00

**BERBERIS**. All kinds listed here are resistant to wheat rust.

**thunbergii** (Japanese Barbary). 5 ft. Zone IV. Very tolerant. Bushy and dense, red berry in autumn. Fine hedge. The most valuable, useful shrub in cultivation.

9-12 in. ....25 for \$4.50, 100 \$13.50  
15-18 in. ....5 for 2.25, 100 33.00  
24-30 in. ....5 for 3.50, 100 55.00

**Minor** (Box Barbary). Dwarf form.

12-15 .....\$1.25 each, 10 for \$10.00

**Atropurpurea**. Red-purple form. Color not perfect, but good.

6-12 in. ....25 \$6.00, 100 \$20.00  
12-15 in. ....5 2.75, 100 45.00

**BUDDLEIA davidi** (Butterfly Bush).  
Zone V. 6 ft. June-Aug. Drain.

- charming. Pink
- eleanor. Blue
- ile de france. Claret purple.
- white beauty. Fine white.
- royal red. Rich, dazzling red.

Prices on above 5 varieties:

2-year .....\$1.75 ea. postpaid  
(any 5 for \$6.00)

**CALLICARPA purpurea** (Chinese Beauty-berry). 5 ft. Zone V. Lilac-purple berries.

2-3 ft. ...\$1.50, 10 \$13.50, 100 \$90.00

**CHAENOMELES japonica** (Japanese Quince). 4 ft. Zone IV. Sun. Bushy dwarf. Scarlet flowers in April. A tolerant ornamental shrub. Slow growth. Can be kept pruned.

\* 12 in. ....25 \$4.50, 100 \$13.50  
2-3 ft. ...\$1.50, 10 \$11.00, 100 \$80.00

#### Named Varieties:

- Columbia. Salmon.
- Rosea grandiflora. Pink.
- Rosea plena. Double pink.
- Simoni. Large deep red blooms.
- Nivilis. Large, pure white.

Above five named varieties:

5 in. pots ....\$2.50 each, 5 for \$11.00

**CITRUS trifoliata** (Hardy Orange). 15 ft. Zone V. White, April. Fragrant yellow 2-inch fruit Sept.

2 ft. X .....5 for \$5.00, 100 \$55.00  
4-5 ft. \$2.50, 10 \$20.00, 100 \$150.00

**CLETHRA alnifolia** (Summer Sweet). 7 ft. Zone III. White fragrant spikes vary from July to August. Acid soil.

\* 12 in. ....10 for \$3.00, 100 \$16.00  
2-3 ft. ...\$1.50, 10 \$12.00, 100 \$90.00

- rosea. Rare pink flowered form.

12-15 in. .,10 for \$15.00, 100 \$125.00  
2-3 ft. \$3.00, 10 \$25.00, 100 \$200.00

**CORNUS mas** (Cornelian Cherry). 20 ft. Zone IV. Yellow bloom April. Scarlet berry August. Tolerant.

3-4 ft. ....\$2.85, 6-8 ft. ....\$6.00

- sanguinea (Bloodtwig Dogwood). 10 ft. Zone IV. Sun, damp. Flower poor. Deep red bark in winter.

3-4 ft. ...\$1.50, 10 \$11.00, 100 \$90.00

- stolonifera lutea (Yellowtwig Dogwood). 8 ft. Zone II. Really bright yellow bark.

3 ft. ....\$1.50, 10 \$11.00, 100 \$90.00

**CYTISUS scoparius** (Common broom). 4 to 8 ft. Zone V. Bushy, upright stems. Yellow, May-June. Drain. Sun. Perhaps the best cover for dry banks. A sight in bloom.

\* 6-12 in. ....10 for \$3.00, 100 \$20.00  
2-3 ft. ....5 for \$5.50, 100 \$80.00  
3-in. pots .....\$1.90, 5 for \$7.50

- praecox (Warminster Broom). 5 ft. Zone V. Amazing shower of pale yellow in May. Outstanding.

3-in. pots .....\$1.75 each, 10 \$13.50  
4-in. pots .....\$3.00 each, 10 \$27.00

**DAPHNE mezereum** (February Daphne). 3 ft. Upright. Zone IV. In April has lilac-red masses of bloom. Sun, lime. Foliage apt to suffer in hot summers, so give part shade south of Boston.

12-18 in. XX ...\$2.50 each, 10 \$20.00

- Genkwa (Lilac Daphne). 3 ft. Zone V. Lilac clusters in April.

12-18 in. ....\$3.00 each, 5 for \$12.50  
2-3 ft. B&B specimens....\$8.50 each.

**DEUTZIA gracilis**. 3 ft. Zone IV. Drain. Dainty mass of white, May.

18 in. ...\$1.50, 10 \$12.50, 100 \$90.00

- scabra-Pride of Rochester. Large pinkish white blooms. Vigorous. Zone V. 8 ft.

\* 18 in. ....25 for \$5.00, 100 \$13.00  
4-5 ft. ....\$1.50, 10 \$12.50, 100 \$100

**ELEAGNUS angustifolia** (Russian Olive). 20 ft. Zone II. Drought-resisting. Yellow berries in September.

\* 12-18 in. ....25 for \$5.00, 100 \$13.50  
3-4 ft. ...\$1.50, 10 \$11.00, 100 \$90.00  
6-8 ft. \$5.00, 10 \$40.00, 100 \$300.00

**EUONYMUS alatus** (Winged Euonymus). 8 ft. Zone III. Pink-Crimson autumn leaves. Very showy.

2-3 ft. \$3.50, 10 \$30.00, 100 \$250.00

- compacta. Dense, dwarf alatus.

12-15 in. ....\$1.50, 10 \$12.50

- atropurpureus (Wahoo). 15 ft. Zone IV. Very fine fall foliage.

4-5 ft. ....\$1.75, 5-6 ft. ....\$2.50

- europaeus (Spindle-tree). 20 ft. Zone III. Showy red and orange fruit. Sept.

3-4 ft. ....\$1.75, 5-6 ft. ....\$2.50

- yedoensis (Yahoo). 12 ft. Zone IV. Pink fruit in September. Handsome.

3-4 ft. \$1.....\$1.75, 5-6 ft. ....\$2.50

\*=young, unformed. X=transplanted.  
B&B=ball of earth, shapely. Plants not marked: well shaped.

**FOTHERGILLA monticola**. 6 ft. Zone V. Extremely unusual white spikes in May. Moist soil. Handsome orange fall leaf.

18-24 in. ....\$3.00 each, 5 for \$10.00

- parvifolia. 2 ft. Zone V. Spreading shrub, with similar showy white spikes but in April, before the leaves.

18-24 in. ....\$3.00 each, 5 for \$10.00

**FORSYTHIA intermedia** (Golden Bell). 9 ft. Zone IV. Familiar yellow blooms in April. Almost fool-proof.

- spectabilis. More, larger, yellower flowers. Zone V. 8 ft.

\* 12 in. ....25 for \$4.00, 100 \$12.00  
3 ft. ....\$1.25, 10 \$11.00, 100 \$90.00

- ovata (Korean Forsythia). 6 ft. Zone IV. Less showy, but decidedly hardier and a week earlier.

3-4 ft. ....\$1.50, 4-5 ft. ....\$2.00

- suspensa (Weeping Golden Bell). 6 ft. Zone V. Good May show. Drooping branches root and hold banks.

\* 12 in. ....25 for \$4.00, 100 \$12.00  
3 ft. ....\$1.35, 10 \$12.00, 100 \$90.00

- spring glory. A new forsythia hybrid very showy, hardy.

\* 6-12 in. X ...5 for \$2.00, 25 for \$9.00  
3-4 ft. \$1.60, 10 \$14.00, 100 \$100.00

#### Hibiscus syriacus





*Ilex verticillata*

**HAMAMELIS mollis** (Chinese Witch-Hazel). Very showy yellow. Feb. and March. 20 ft. Zone V. (grafts)

\* 6-12 in. X \$3.00, 10 \$24.00, 100 \$225.  
12-15 in. ....\$4.50 each, 10 \$29.00  
15-18 in. B & B.....\$6.00 each

**HIBISCUS syriacus** (Althaea). 12 ft. Tree-like. Zone V. Heavy soil. Various colors in July and August. Double pinks and whites are very good. Avoid purples and reds, except singles.

— **anemonaeiflorus**. Semi-double rose. Six weeks in bloom.

— **coelestis**. Large single blue.

— **banner**. White with red eye.

— **lucy**. Double red.

— **totus albus**. Large, single white.

Prices on above five; any one kind:

2 ft. ....\$1.25, 10 \$9.50, 100 \$80.00  
4-5 ft. \$1.75, 10 \$15.00, 100 \$100.00

**HYDRANGEA arborescens grandiflora** (Snow Hill). 4 ft. Zone IV. Straggling unless cut to ground. Huge white blooms, July-August. Manure.

2-3 ft. ....\$1.50, 10 \$12.00, 100 \$90.00

— **paniculata grandiflora** (Peegee). 10 ft. Zone IV. Similar to above, a month later, and blooms turn pink.

\* 8-12 in. ....10 for \$4.50, 100 \$40.00  
3-4 ft. \$1.80, 10 \$15.00, 100 \$120.00

— **Nikko Blue**. A hardy (Zone VI) form of the florists' Hydrangea.

12-15 in. ....\$1.50, 5 for \$6.00

**HYPERICUM prolificum** (Shrubby St. Johnswort). Zone IV to 5 ft. Bright yellow in August. Vigorous. Drain. Neutral soil.

18 in. ....\$1.10, 10 \$8.50, 100 \$70.00  
3 ft. ....\$1.75, 10 \$13.50, 100 \$120.00

**ILEX verticillata** (Winterberry). 15 ft. Zone III. Dampness preferred. Many red berries all winter. A show.

\* 12-18 in. ....25 \$4.00, 100 \$12.00  
2-3 ft. ...\$1.35, 10 \$12.00, 100 \$95.00  
4-5 ft. ....\$2.75 each, 10 for \$22.50

**KOLKWITZIA amabilis** (Beauty Bush). 8 ft. Zone V. Sun, loose. A light green fountain flushed with a cascade of pink in June.

2-3 ft. ..\$1.65, 10 \$13.00, 100 \$95.00  
4-5 ft. ....\$3.00 each, 5 for \$12.50

**LIGUSTRUM amurense** (Amur Privet 'North'). 12 ft. Zone V. Almost fool-proof.

\* 12-18 in. ....25 \$4.00, 100 \$12.50  
2-3 ft. ....10 for \$4.00, 100 \$32.00  
5-6 ft. ....10 for \$12.50, 100 \$95.00

(for other Privets, see Pages 9 and 11, or write for quotation on sizes not shown.)

**LONICERA fragrantissima**. (Winter Honeysuckle). 6 ft. Zone V. Yellow, fragrant, April; red berries, July. Semi-evergreen.

\* 18-24 in. ....10 \$4.50, 100 \$20.00  
3 ft. ....\$1.50, 10 \$11.00, 100 \$90.00

— **korolkowi floribunda** (Broad Blue-leaf). 9 ft. Zone IV. Intricate gray shrub. Pink in June, scarlet fruit in July.

18-24 in. .... \$1.50, 3-4 ft. ....\$2.25

— **morrowi** (Morrow Bush Honeysuckle). 7 ft. Zone III. Spreading, bushy. Cream in May, scarlet fruit in July.

\* 18-24 in. ....25 \$4.50, 100 \$15.00  
3 ft. ....\$1.50, 10 \$11.00, 100 \$90.00

— **tatarica** (Tatarian Honeysuckle). 8 ft. Zone IV. Bushy. Flower, June; red berry, July. Order: Red, White, or Pink.

\* 12-18 in. ....25 \$5.00, 100 \$15.00  
3 ft. ....\$1.50, 10 \$11.00, 100 \$90.00

— **Syringantha** (Lilac Honeysuckle). Shrub to 8 ft. Zone IV. Fragrant masses of rosy bloom in June.

2-3 ft. ....\$1.50, 3-4 ft. ....\$2.00

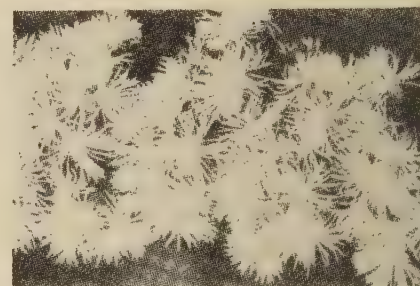
\*=young, unformed. X=transplanted.  
Plants not marked: well shaped.

**MYRICA carolinensis** (Bayberry). 6 ft. Zone II. A shapely rounded bush. Good foliage. Barren, sandy soils.

6-12 in. ....10 for \$6.00, 100 \$40.00  
12-18 in. ....\$2.25 each, 5 for \$8.00

**NEVIUSA alabamensis** (Snow Wreath). 5 ft. Zone V. Showy white, odd blooms in masses, June. Drain.

12-18 in. ....\$1.50 each, 5 for \$5.00



*Neviusa alabamensis*

**PHILADELPHUS coronarius** (Sweet Syringa). 9 ft. Zone IV. White in June. Very fragrant. Needs lime.

\* 12-18 in. ....25 \$4.50, 100 \$15.00  
3 ft. ....\$1.10, 10 \$9.00, 100 \$70.00

— **grandiflorus** (Scentless Mock Orange). 9 ft. Zone IV. Large white blooms. June.

3 ft. ....\$1.40, 10 \$12.00, 100 \$90.00

— **Mt. Blanc**. 4 ft. dwarf, upright and compact, with many single white blooms. Useful, showy, fragrant.

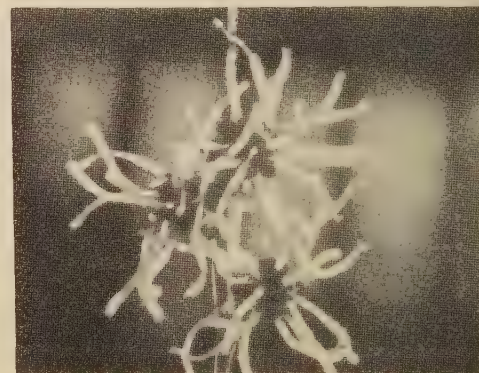
3 ft. ....\$1.50, 10 \$12.00, 100 \$90.00

— **virginal**. 8 ft. Zone V. Double, fragrant, translucent white blooms load the bush in June. Then a fair show through summer, particularly if pruned.

18-24 in. ....10 \$8.25, 100 \$70.00  
3-4 ft. ....\$1.50, 10 \$12.00, 100 \$95.00

— **Minnesota snowflake** (new) double, fragrant, large flowers. Zone III.

18-24 in. ....5 for \$6.50, 100 \$110.00  
4-5 ft. ....\$3.50 each, 5 for \$15.00



*Hamamelis mollis*

**PHOTINIA villosa** (Christmas Berry). 20 ft. Zone IV. Drain, sun. White in May. Showy red fruits. Birds love it.

3 ft. ....\$1.75, 4 ft. \$2.25, 5 ft. \$3.50

**POTENTILLA fruticosa**. 5 ft. Zone II. Large bloom, May to August. Sun, drain, moist.

— **purdomi**. Deep yellow variety.

12-18 in. ....\$1.65, 5 for \$6.75

**RHAMNUS cathartica** (Buckthorn). 15 ft. Zone II. Fine, bushy, dense, thorny hedge. Very hardy.

12-18 in. ....30 for \$5.00, 100 \$15.00  
3-4 ft. ..\$1.50, 10 \$11.00, 100 \$90.00

— **frangula**. 15 ft. Zone II. Like above, but shiny leaves. August a load of red-purple fruit.

18-24 in. ....10 \$7.50, 100 \$50.00  
3 ft. ....\$1.50, 10 \$11.00, 100 \$90.00

**RHUS canadensis** (Fragrant Sumac). 4 ft. Trailing. Zone III. Yellow, April. Grows in poor soil.

18-24 in. \$1.25, 10 \$9.50, 100 \$70.00

**ROBINIA hispida** (Rose Acacia). 4 ft. Zone V. Large rosy flowers in May. Very tolerant. Showy.

12-18 in. ....25 for \$3.50, 100 \$9.50  
2-3 ft. ..\$1.40, 10 \$12.00, 100 \$90.00

**ROSA** (Rose) (see page 44).

**SORBARIA Aitchisoni**. 8 ft. Zone V. Creamy flowers July-August. Handsome leaf. Part shade.

3-4 ft. ....\$1.50 each, 5 for \$6.00

— **sorbifolia**. 6 ft. Zone II. Creamy panicles June-July. Very early in leaf.

3-4 ft. ....\$1.50 each, 5 for \$6.00

**SPIRAEA Anthony Waterer**. 3 ft. Zone V. Rose blooms, June to August.

15 in. ....\$1.25, 10 \$9.50, 100 \$70.00

— **trichocarpa** (Korean Spiraea). 6 ft. Zone V. Neat, spreading bush. Garlands of white, June.

2-3 ft. ....\$1.10, 10 \$9.50, 100 \$70.00

— **Van Houttei** (Modern "Bridalwreath"). 6 ft. Zone IV. Familiar everywhere for the white May garlands.

12-18 in. ....25 for \$5.00, 100 \$15.00  
3 ft. ....\$1.10, 10 \$9.50, 100 \$60.00

**STEWART OVATA** (pentazyna). 15 ft. Zone V. Beautiful large white flowers July-August when flowers are scarce. Bright orange autumn leaves. Humus.

12-18 in. \$2.50, 10 \$20.00, 100 \$150.



Single Hybrid Lilac



Double Hybrid Lilac

# SPECIAL OFFER NEWER HYBRID LILACS

**Edith Cavell**  
Rating: 9.2 D.  
Milk-white

**Firmament**  
Rating: 8.7 S.  
Big skyblue

**K. Havemeyer**  
Rating: 7.3 D.  
Cobalt blue

**Mrs. Harding**  
Rating 7.0 D.  
Grand red.

Package of 4  
1-year grafts  
(6 to 12 inch)  
\$5. postpaid

## SYRINGA—the Lilacs

All tolerant, but need extra lime.

— **chinensis** ("Rothomagensis"). 12 ft. Zone V. Graceful; Lilac, May. Very faithful bloomer. Lime. Sun.

3 ft. ....\$1.50, 10 \$13.00, 100 \$95.00

— **japonica** (Tree Lilac). 30 ft. Zone IV. Blue-gray clusters in June and July. Different. Tolerant.

2-3 ft. \$2.00, 10 \$15.00, 100 \$110.00

— **persica** (Persian Lilac). 6 ft. Zone V. Fragrant lilac. May.

12 in. ....25 for \$8.00, 100 \$25.00  
3 ft. ....\$1.60, 10 \$13.50, 100 \$95.00

— **vulgaris** (Old-fashioned Lilac). 15 ft. Zone III. Spreads by suckers to huge clumps. Purple, May. Fragrant.

12-18 in. ....10 \$3.00, 100 \$17.50  
3 ft. ....\$1.50, 10 \$13.50, 100 \$110.00  
5-6 ft. ....\$3.50 each, 5 \$15.00

**ALBA**. White form of above.

3 ft. ....\$2.25, 10 \$17.50, 100 \$135.00  
4-5 ft. ....\$3.00 each, 5 for \$12.50

### NAMED HYBRID LILACS

Huge fragrant trusses in many colors. Both "S" (Single) and "D" (Double) forms are charming. Ratings below are by experts — 10.0 would be perfect. Lilac colors are impossible to describe — notes below are mere indications. Each kind - 12-18 in. ....\$1.65 each 10 for \$13.50.

- **Congo** (7.4) S. Red-purple.
- **Edw. Andre** (5.2) D. Pink.
- **Etna** (7.4) S. Novelty, dark claret-purple.
- **Evangeline** (6.0) D. Magenta.
- **Jan van Tol** (7.5) S. Pure white.
- **Jean Mace** (6.3) D. Lilac-pink.
- **Lamarck** (6.1) D. Pink.
- **Lamartine** (6.9) S. Early pink.
- **Ludwig Spaeth** (7.8) S. Purple.
- **Macrostachya** (7.8) S. Pinkish.
- **March. Lannes** (7.8) D. Violet.
- **Marie LeGraye**. (5.6) S. White.
- **Michael Buchner**. (5.8) D. White
- **Mme. C. Perier** (6.3) D. White
- **Mont Blanc** (7.7) S. Good white.
- **Pres. Lincoln** (7.8) S. Blue-violet.
- **Royalty** (8.0) S. Late purple.
- **Paul Deschanel** (7.8) D. Carmine to rose.

**SYMPHORICARPOS racemosus** (Snowberry). 5 ft. Zone III. Clay, lime. Useful for showy white berries in August. Good dwarf shrub.

\* 12-18 in. ....25 for \$4.50, 100 \$13.50  
3 ft. .... \$1.25, 10 \$8.75, 100 \$70.00

— **vulgaris** (Coralberry). 5 ft. Zone II. Berries red, hang late.

\* 18 in. .... 25 for \$4.00, 100 \$ 9.50  
3 ft. .... \$1.25, 10 \$8.75, 100 \$70.00

**TAMARIX africana**. 15 ft. Zone V. Pink in April.

2-3 ft. .... \$1.25, 10 \$9.50, 100 \$70.00

— **summer glow**. 10 ft. Zone II. Red racemes. July-August.

8-15 in. ....10 for \$5.00, 100 \$40.00  
1½-2 ft. ..\$1.25, 10 \$8.50, 100 \$60.00



Photo: Highbush Cranberry

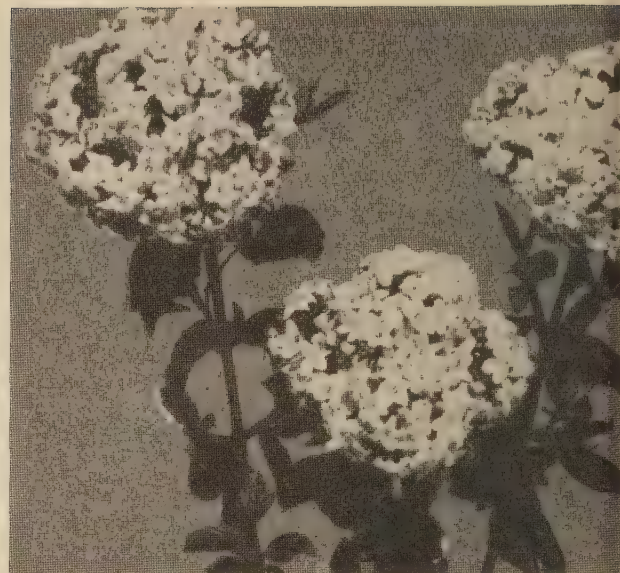


Photo: Viburnum Burkwoodi

## VIBURNUM — *Shrub Aristocrat*

Not only showy flower and fruit, but perfect in leaf and branch too. Charming, tolerant.

— **burkwoodi**. 5 ft. Zone V. New hybrid, with fragrant pink blooms in May, borne young. Superior to Carlesii though similar. Half evergreen.

6-9 in. (pot) .....5 \$7.00, 25 \$32.00  
12-18 in. \$2.75, 10 \$22.50, 100 \$150.  
24-30 in. B&B (heavy) .....\$8.00 each

— **carlesi** (Fragrant Viburnum). 5 ft. Zone IV. Delicious pink clusters in May. Drain; keep moist in summer. Sun, shelter. Fragrant, beautiful.

12-15 in. B&B .....\$4.50, 5 \$20.00  
18-24 in. B&B .....\$6.50, 5 \$30.00

— **Chenaulti**. Like Burkwoodi, but more, bigger blooms.

12-15 in. \$3.00, 10 \$22.00, 100 \$190.

— **dentatum** (Arrow Wood). 12 ft. Zone II. Damp, shade. Cream. May.

\* 12-18 in. ....10 \$3.50, 100 for \$20.00  
3 ft. ...\$1.50, 10 \$13.50, 100 \$110.00

— **fragrans**. 9 ft. Zone V. White fragrant panicles before the leaves in April.

1 to 1½ ft. \$3.50 each, 5 for \$25.00

— **lantana** (Wayfaring Tree). 15 ft. Zone III. Bold, striking, fall color. Fruits red, then black. Lime.

\* 3-6 in. ....25 for \$5.00, 100 \$15.00  
3 ft. ...\$2.00, 10 \$15.00, 100 \$120.00

— **sterile** (Snowball). Bush like Opulus, but flowers much showier and no berries at all.

\* 6-12 in. ....25 for \$8.00, 100 \$25.00  
3-4 ft. ....\$1.75, 4-5 ft. ....\$2.25

— **tomentosum** (Doublefile Viburnum). 10 ft. Zone IV. Horizontal strings of snowy blooms in June. Neat.

\* 12-18 in. ....10 for \$6.00, 100 \$35.00  
2-3 ft. ....\$1.65 each, 5 for \$6.75

— **plicatum** (Japan Snowball). Form without fruit, but showier bloom.

12-18 in. ....25 for \$8.00, 100 \$25.00  
2-3 ft. ....\$2.00 each, 5 for \$9.00

— **tribolum** (American High-bush Cranberry). 12 ft. Zone II. Bright berries all winter. Fall color.

\* 12-18 in. ....25 for \$7.50, 100 \$25.00  
3 ft. ...\$1.75, 10 \$15.00, 100 \$120.00

— **opulus** (European Cranberry). 12 ft. Zone III. White, May. Fruit and leaf red in autumn. Strong, bold effect. Very handsome. (Americanum is even better.)

6-12 in. ....10 \$5.00, 100 \$15.00  
3 ft. ...\$1.50, 10 \$12.50, 100 \$95.00  
5 ft. ....\$3.00 each, 5 for \$13.50

— **namun**. 2 ft. Dwarf replica of opulus.

6-9 in. ....5 for \$8.00, 100 \$120.00  
9-12 in. ....\$2.00 each, 10 for \$17.50

**VITEX agnus-castus** (Lilac Chaste Tree). 8 ft. Zone VI. But a hardy perennial further north. Showy lavender-blue flowers in July to frost. Sun, acid.

3-4 ft. ..\$1.50, 10 \$12.50, 100 \$95.00  
1½-2 ft. ....5 for \$5.00, 100 \$70.00

— **latifolia** (macrophylla).

More vigorous. Hardy. Zone V. Otherwise similar.

18 in. ....\$1.25 each, 10 \$ 9.50  
3 ft. ....\$2.00 each, 10 \$15.00

**WEIGELA amabilis** (Rosea). 9 ft. Zone V. May. Pink. Drainage.

\* 12-18 in. ....25 for \$5.00, 100 \$15.00  
3 ft. ....\$1.50, 10 \$12.00, 100 \$90.00

— **candida**. June. Profuse, white.

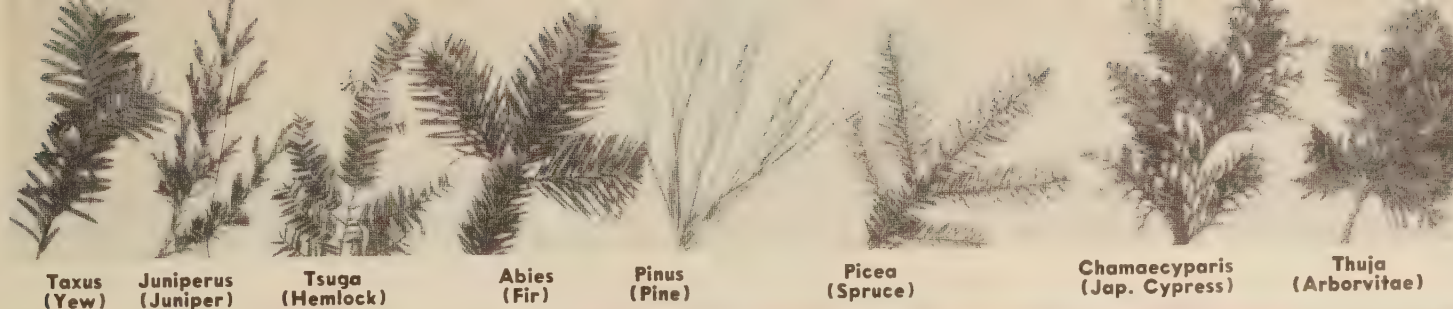
1½-2 ft. ....\$1.00, 3-4 ft. ....\$1.50

— **Eva Rathke**. Dark red blooms in June, then sparsely to August.

\* Pots .....25 for \$6.00, 100 \$18.00  
2 ft. ....\$1.50, 10 \$12.00, 100 \$95.00

*Viburnum tomentosum plicatum*





Taxus  
(Yew)

Juniperus  
(Juniper)

Tsuga  
(Hemlock)

Abies  
(Fir)

Pinus  
(Pine)

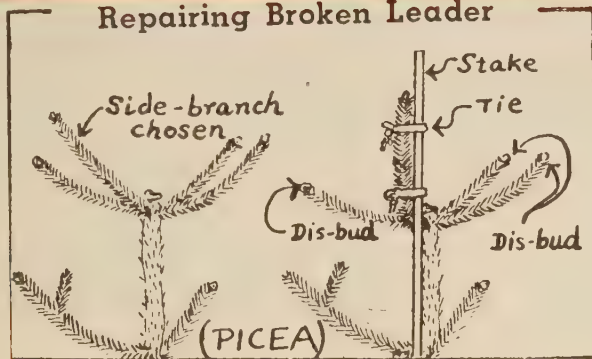
Picea  
(Spruce)

Chamaecyparis  
(Jap. Cypress)

Thuja  
(Arborvitae)

# EVERGREENS

## Repairing Broken Leader



## Evergreens are Easily Trained

A few minutes a year will keep them growing bushy and shapely. The above sketches show how.

## DWARF EVERGREENS

Suitable for foundations

### Bushy Dwarfs

Chamaecyparis nana  
Juniperus Pfitzeri  
Juniperus Sabina  
Juniperus Meyeri  
Picea excelsa Maxwelli  
Picea excelsa nidiformis  
Picea excelsa pyramae  
Pinus Mughus  
Thuja occid. globosa  
Thuja, Little Gem  
Taxus Vermeulen  
Taxus media Kelseyi

### Low, Spreading Dwarfs

Juniperus horizontalis  
Jun. comm. depressa  
Taxus bacc. repandens  
Taxus cuspidata nana  
Tsuga Sargentii

### Narrow, Upright Dwarfs

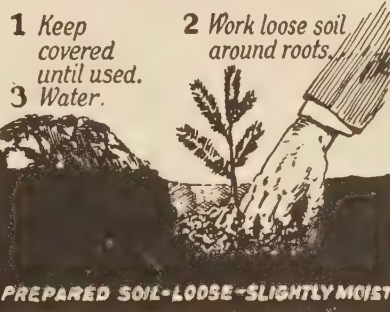
Jun. excelsa stricta  
Juniperus hibernica  
Picea canad. conica  
Taxus media Hicksi

**SPACING EVERGREENS.** Evergreens are so very long-lived that what is correct in youth is crowded after 25 years. Generally speaking, plants from 12 to 36 inches should be spaced three feet apart and rearranged at the end of 5 to 10 years.

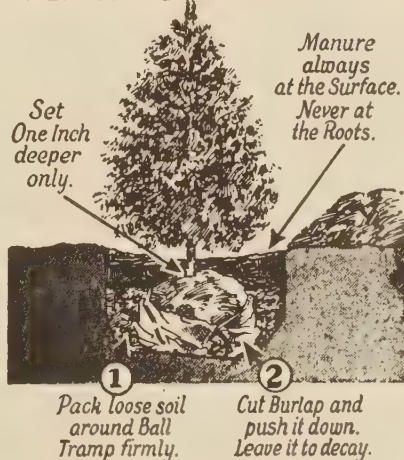
**DELIVERY COSTS.** Prices include packing only on small, bare-root sizes—NOT on sizes marked "B&B". Boxing is usually about 10% of the price additional. Express on small sizes is low—but on plants (B&B) it is about 40%.

**A**N EVERGREEN has leaves all winter—ready to do their work if the day chances to be warm enough. For this reason **extra water** must be given all newly-planted evergreens. Twice a week for a month. Evergreen roots contain resinous sap which hardens after exposure to the air for no longer than two or three minutes. This is ample time to plant and firm a small evergreen, but it should be left in its moist packing until the moment of planting and watered soon after planting. For the two above reasons, larger evergreens are shipped with a ball of earth wrapped in burlap ("B&B"). This is not necessary in smaller sizes

## EVERGREENS BARE ROOT



## PLANTING WITH A BALL



**NOTE:** Water is needed more by evergreens than by other plants. Keep moist before and after planting.

## EVERGREENS GROW FAST

Large evergreens frequently are stunted by the shock of transplanting. One customer writes: "My neighbor paid \$30 apiece for 12-foot specimen Red Pine; I bought 18-inch XX (no earth ball) the same year. Today (12 years later) my trees are larger than his!"

Here are some average rates of growth (inches per year):\*

Abies concolor	9
Juniper Pfitzer	15
—Sargent	10
—virginiana	11
Picea glauca	12
—conica	2
—excelsa	13
—pungens	11
Pinus cembra	6
—mughus	7
—nigra	11
—sylvestris	15
Pseudotsuga	
Taxus cuspidata	11
—Hicksi	12
—Kelseyi	8
Thuja occidentalis	11
Tsuga canadensis	12

\*Small transplants grow at 1/2 this rate the first two years.

**ABIES.** Stately, "spruce"-like evergreen trees, holding their lower branches into a riper old age than any spruce. Good soil, drainage, sun.

— **balsamea** (Balsam Fir). 60 ft. Zone III. Dark, shapely pyramid. Needs cool moist soil. Best in North. Best Christmas tree.

\* 3-6 in. S .....25 for \$5.00, 100 \$16.00  
 \* 12-15 in. X ..10 for \$8.50, 100 \$75.00  
 18 in. B&B \$4.50, 10 \$38.00, 100 \$300.

— **concolor** (White Fir). 50 ft. Zone IV. Dense pyramid silver green. Drainage. Tolerant in cities. Softest of dull silver—almost white.

\* 2-4 in. S .....25 for \$4.50, 100 \$15.00  
 18 in. B&B \$6.25 .....2 ft. \$8.00

— **douglasi** (*pseudotsuga taxifolia*) (Douglas Fir). 70 ft. Zone IV. Evergreen tree. Shapely, handsome pyramid. Prefers rich soil, but tolerant. Good in garden or forest. This green is in every way better than ordinary spruces.

\* 6-10 in. X ....25 for \$6.00, 100 \$20.00  
 \* 12-15 in. XX 25 for \$26.00, 100 \$95.00  
 18 in. B&B \$4.50 .....2 ft. B&B \$6.00

— **homolepis** (Nikko Fir). 90 ft. Zone IV. Very handsome, tolerant.

\* 1 yr. S .....10 for \$2.50, 100 \$8.00  
 2 ft. B&B .. \$6.75 each, 10 for \$58.00



douglas Fir

**CEPHALOTAXUS drupacea fastigiata** (Columnar Plum-Yew). Rugged green column, like Irish Yew. Zone VI. Edible fruit.

\* 8-10 in. X ....10 for \$7.50, 100 \$55.00  
 15-18 in. B&B \$6.50 each, 10 \$58.00



Photo: *Chamaecyparis* varieties. 1. *obtusa*. 2. *pisifera*. 3. *Plumosa*. 4. *squarrosa veitchii*. 8. *Plumosa* (hedge). 12. *obtusa nana*. 5. *filifera*

**CHAMAECYPARIS.** "Retinopora" (Japan Cypress). Evergreen trees of easy culture. Most are at best semi-dwarf, a few truly dwarf.

— **thyoides ericoides** (Heath Cedar). Zone II. Upright dwarf to 8 ft. Very dense, small needles. Handsome, but little known native American.

\* 8-10 in. X ....10 for \$8.50, 100 \$70.00  
 9-12 in. B&B ...\$3.50 each, 10 \$25.00  
 18-24 in. B&B ..\$6.00 each, 10 \$45.00

— **obtusa gracilis**. (Hinocki Cypress). 10 ft. Zone III. Acid, humus, moist. Ornamental, slow. Slender. Dark green column.

\* 1 yr. graft .....5 for \$11.50  
 3-4 ft. B&B \$11.50 each, 5 for \$50.00

— **nana** (Dwarf Hinocki). A 5 ft. dwarf that looks ancient when it is born. Excellent in rock gardens.

\* 4-6 in. X .....10 for \$7.50, 100 \$60.00  
 3 ft. B&B ....\$9.00 each, 5 for \$40.00

— **pisifera** (Sawara Cypress). 35 ft. Any good soil. Loose growth. Makes a quick pyramidal tree and stands harsh exposures. Zone III.

\* 12 in. X .....10 for \$9.50, 100 \$85.00  
 2-3 ft. B&B ...\$6.50 each, 10 \$60.00

— **p. aurea** (Golden Sqwara). Shining yellow. 35 ft.

\* 8-10 in. X ....10 for \$7.50, 100 \$60.00  
 2-3 ft. B&B \$6.50 each, 10 for \$60.00

— **filifera** (Thread Cypress). 20 ft. Stringy leaves. Compact broad pyramid. Semi-dwarf and useful almost anywhere. Unusual appearance and character. Zone III.

15-18 in. B&B \$4.50 each, 10 \$37.50

— **f. aurea** (Gold-Thread). Only 12 ft. Yellow. A good dwarf.

\* 12-15 in. X ....5 for \$5.00, 100 \$75.00  
 12-15 in. B&B \$4.50 each, 10 \$37.50

— **plumosa** (Plumed Cypress). 35 ft. Feathery pyramid. Good hedge plant. A good accent tree. Often used in foundation plantings, but not suitable really. Zone III.

\* 6-8 in. X ....25 for \$11.00, 100 \$40.00  
 12 in. X .....10 for \$8.50, 100 \$60.00  
 18-24 in. B&B \$4.50 each, 10 \$38.00

— **p. aurea** (Gold-Plume). 25 ft. Good yellow color at tips. An interesting small tree. The color is balanced by green. A striking hedge. A good specimen.

\* 4-6 in. X .....25 for \$8.00, 100 \$30.00  
 \* 10 in. X .....25 for \$12.50, 100 \$45.00  
 18-24 in. B&B \$4.50 each, 10 \$38.00

— **squarrosa pygmaea** (Dwarf Silver Moss Cypress). Unusual. 4 ft. Dense, woolly silver foliage unlike any other evergreen. Apt to winter damage north of Zone VI.

\* 2-in. pots ....10 for \$6.50, 100 \$50.00  
 12-15 in. B&B .....\$7.00 each

**JUNIPERUS.** The Junipers are a race of evergreens that succeeds even in well-drained soil in full sun.

— *chinensis pfitzeriana* (Pfitzer Juniper). 6 ft. Zone IV. Gorgeous bush, a cloud of silver in spring, then bright green. Spreads picturesquely. Stand soot, smoke, and drought in city plantings. Easily grown.

\* 6-8 in. X ....25 for \$11.00, 100 \$35.00  
 \* 8-10 in. X ..25 for \$14.00, 100 \$40.00  
 \* 10 in. XX 25 for \$32.50, 100 \$120.00  
 18-24 in. B&B \$6.00 each, 10 \$50.00

— *pfitzer aurea*. A form with rich yellow color — otherwise same.

\* 4-6 in. X .....25 for \$9.50, 100 \$35.00  
 \* 6-8 in. X .....5 for \$4.50, 100 \$65.00

— *pfitzer hetzi*. Vigorous variety with blue-silver color. Fine. New.

\* 6-8 in. X .....25 \$9.50, 100 \$35.00  
 12-15 in. B&B .....\$4.50, 10 \$40.00

— *communis depressa* (Canadensis). 6 ft. Zone II. Bushy; dusty green. Stands damp soil.

\* 2½-in. pots .....10 \$6.00, 25 \$12.00  
 15-18 in. B&B .....\$3.50, 10 \$33.00

— *c. depressa aurea* (Golden Bush-Juniper). 3 ft. A lower, neater form with yellow foliage.

\* 4-6 in. X .....25 for \$9.00  
 12-15 in. B&B .....\$4.00, 5 \$18.00

— *sargentii* (Sargent). 3 ft Zone IV. Flat, spreading. Color grass green, a neat plant. This is good for low mass effects, also as specimens.

\* 4-6 in. ....25 for \$7.50, 100 \$55.00  
 \* 12-15 in. XX 25 for \$75.00, 100 \$270.  
 18 in. B&B ..\$7.00 each, 5 for \$30.00

— *communis hibernica* (Irish Juniper). 15 ft. Zone III. Green column. Popular. This makes a fair substitute for the thin spires of true Cypress.

\* 10-12 in. X ..10 for \$8.00, 100 \$65.00  
 2 ft. B&B \$4.25, 10 \$37.50, 100 \$350.

— *excelsa stricta* (Green Juniper). 6 ft. Zone V. Blue, stiff, fat pyramids. A fine dwarf, very neat, but rather formal.

\* 8-10 in. X .. 25 for \$12.00, 100 \$40.00  
 18-24 in. B&B \$5.50 each, 10 \$48.00

— *horizontalis* (Creeping Savin). 2 ft. Zone II. Flat spreading, covers large areas. Green.

\* 8-10 in. X ..10 for \$12.00, 100 \$40.00  
 12-15 in. B&B \$3.25, 10 \$27.50, 100 \$250.00

— *h. Bar Harbor*. Famous but scarce. Very dense and neat.

\* 1-yr. pots ....25 for \$7.50, 100 \$50.00  
 12-18 in. spread (pots) ....\$5.00 each,  
 10 \$40.00

— *h. plumosa* (Andorra Juniper). A dense, low mat, with soft crested plumes that turn purple in winter.

\* 10 in. X .....25 \$11.00, 100 \$40.00  
 \* 12-18 in. XX 25 for \$25.00, 100 \$90.00  
 12-15 in. B&B \$4.50 each, 10 \$38.00

— *sabina* (Savin Juniper). 5 ft. Zone IV. Irregular vase-like bush. Good dwarf for foundations. Dark green color. Always graceful.

\* 6-8 in. X ....25 for \$12.00, 100 \$40.00  
 12-15 in. B&B .....\$4.50, 10 \$38.00

— *squamata Meyeri* (Meyer Juniper). 5 ft. Zone IV. Upright in a natural way, not stiff. New growth purple, old growth green.

\* 8-10 in. X....10 for \$7.50, 100 \$65.00  
 12-15 in. B&B .....\$4.50, 10 \$38.00

— *virginiana* (Native Red Cedar). 30 ft. Zone II. Prefers a loose soil. Usually a dark green pyramid. This is best used in masses. Easily grown. Should be sheared.

\* 4-8 in. S .....25 for \$4.00, 100 \$12.00  
 \* 12-18 in. XX 25 for \$15.00, 100 \$50.00  
 2½-3 ft. B&B .....\$6.50, 10 \$55.00

— *v. glauca* (Silver Cedar). 20 ft. Smaller edition, with silver leaves.

2-2½ ft. B&B ...\$6.50 each, 10 \$55.00

— *v. keteleeri* (Keteleer Cedar). 18 ft. A thick column, compact to base. Dark. Almost architectural in effect. Surpassingly rich and luxuriant.

2-2½ ft. B&B ...\$6.50 each, 10 \$55.00

Photo: Top row; Junipers *Sargentii*, *communis depressa*, *virginiana*, *chinensis*, *virginiana glauca*;  
 Bottom row: *Sabina*, *excelsa stricta*, *communis hibernica*, *procumbens*, *chinensis pfitzeriana*.



**PICEA (Spruces).** Generally these evergreens are easily grown in normal garden soil.

– **abies**—“**excelsa**” (Norway Spruce). 80 ft. Zone II. A dark green, drooping pyramid. Shallow roots enable planting on thin soils. Enormously popular for quick growth.

\* 9-12 in. X ....25 for \$7.00, 100 \$20.00  
 \* 15-18 in. XX 25 for \$25.00, 100 \$95.00  
 18 in. B&B \$3.50, 10 \$27.50, 100 \$250

– **nidiformis** (Bird Nest). 4 ft. Grotesque rock garden dwarf.

\* 2-in. pots ....10 for \$9.00, 100 \$75.00  
 2 ft. B&B .....\$10.00, 5 for \$47.50

– **glauca (alba)** (White Spruce). 80 ft. Zone II. Quick-growing and shapely. In the northeast generally more satisfactory than Norway for forest planting.

\* 6-9 in. X .....25 for \$5.00, 100 \$16.00  
 \* 8-12 in. X ....25 for \$7.50, 100 \$22.00  
 18-24 in. B&B \$4.75 each, 10 \$42.00

– **albertiana** (Black Hills). 20 ft. Zone III. Better suited to dry climates than White Spruce. A majestic bushy pyramid.

\* 6-9 in. X .....25 for \$5.00, 100 \$18.00  
 \* 9-12 in. XX 25 for \$18.00, 100 \$68.00  
 18 in. B&B \$4.75 each, 10 for \$42.00

– **conica** (Dwarf Alberta). Miniature in height and leaf. 6 ft. Zone III. Tiny and slow. Probably the best true dwarf conifer.

\* 4-6 in. X .....5 for \$7.50, 100 \$120.00  
 9-12 in. B&B \$3.50 each, 5 for \$15.00

– **pungens**. 80 ft. Zone II. Best spruce for dry climates. Very tolerant. Varies from green to silver, as offered here.

\* 4-6 in. X .....25 for \$6.00, 100 \$20.00  
 \* 8-12 in. X 10 for \$7.50, 25 for \$18.00  
 18-24 in. B&B ..\$5.50 each, 10 \$48.00

– **p. glauca** (Blue Spruce). A form of uniform silver sheen. Otherwise same as *picea pungens*.

18 in. B&B...\$7.00 each, 5 for \$32.50  
 3 ft. B&B .....\$12.50 each

– **moerheim** (Moerheim Blue). Grafted Blue Spruce. Bluest of all known spruces.

\* 1 yr. graft ..\$3.75 each, 10 for \$28.00  
 1½ ft. B&B \$12.50 each, 5 for \$58.00

– **koster**. Another fine blue. (Same prices as Moerheim)

**PINUS (Pines).** Pines vary in size and shape but are alike in one thing – all thrive in windy, exposed locations.

– **montana mughus** (Mugho). Zone II. 3 ft. Broad, low, bushy. Grown from seed, but larger sizes carefully selected, low compact.

\* 4-6 in. X .....25 for \$6.00, 100 \$20.00  
 9-12 in. B&B \$3.25 each, 10 for \$28.00  
 15 in. B&B \$5.50 each, 10 for \$48.00

– **nigra**. (Austrian Pine). 70 ft. Zone IV. Compact for a large tree. Neat. Likes lime. Seashore but not on the water.

\* 3-5 in. X .....25 for \$6.00, 100 \$20.00  
 \* 10-12 in. XX 25 for \$25.00, 100 \$85.00  
 1½ ft. B&B .....\$5.50 each, 10 \$48.00

– **resinosa** (Red or Norway Pine). 80 ft. Zone II. A fine native with long dark needles and spreading habit. Very easily grown. Few insect pests. Most popular.

\* 3-6 in. X .....25 for \$4.50, 100 \$14.00  
 \* 6-12 in. XX 25 for \$10.00, 100 \$35.00  
 2-3 ft. B&B .....\$7.50 each  
 \* 18-24 in. XX 25 for \$45.00, 100 \$160.

– **strobus** (White Pine). 90 ft. Zone III. The noblest native evergreen. Prefers rich soil. Light green needles, soft and dense. Subject to special interstate quarantines. We have growers in a dozen states and can ship almost anywhere.

\* 4-6 in. X ....25 for \$4.00, 100 \$13.00  
 \* 8-10 in. XX 25 for \$20.00, 100 \$75.00  
 2-3 ft. B&B \$6.00, 20 \$55.00, 100 \$480

– **sylvestris** (Scots Pine). 90 ft. Zone II. Large, stately tree. Useful for sandy, barren soils, but grows tall in gardens. Prefers acid. Popular in small sizes for forest plantings.

\* 5-10 in. X ....25 for \$7.00, 100 \$24.00  
 \* 12-18 in. XX 25 for \$12.50, 100 \$45.00

– **thunbergi**. 60 ft. Zone IV. Picturesque, branching, as seen in Japanese prints. Stands salt spray.

\* 6-10 in. X ....10 for \$7.50, 100 \$45.00  
 1½ ft. B&B .....\$6.00 each, 10 \$50.00

Photo: 3. White Spruce. 4. (Dwarf) Gregoriana. 5. Pygmy Spruce.  
 6. Norway Spruce. 7. (Dwarf) Alberta Spruce. 8. Colorado and Koster.





Photo: Thuja: 4 aurea nana, 5 Tom Thumb, 6 warreana, 7 pyramidalis, 8 globosa, 9 elegantissima, 10 occidentalis species.



Specimen *Tsuga canadensis* 6 feet

**THUJA.** American arborvitae prefers the extreme north. It grows in any good soil, even with poor drainage.

— *occidentalis* (American Arborvitae. 30 ft. Zone II. Pyramidal tree with dense, frond-like, evergreen leaves, popular.

\* 4-6 in. S .....50 for \$4.50  
 \* 5-12 in. X ....25 for \$6.00, 100 \$20.00  
 \* 9-12 in. XX 25 for \$16.00, 100 \$55.00  
 \* 12-18 in. XX 25 for \$25.00, 100 \$90.00  
 \* 18-24 in. XX 25 for \$40.00, 100 \$150.00  
 2½ ft. B&B \$5.50 each, 10 for \$48.00

— *elegantissima* (Golden Tip). 15 ft. Zone II. Bright green in winter, gold in spring.

\* 8-10 in. X ..25 for \$12.50, 100 \$40.00  
 15-18 in. B&B \$3.75 each, 10 \$35.00

— *little gem*. 2 ft. Zone II. Really dwarf — hugging the ground. Rock-garden plant. Dark green.

\* 6-8 in. X .....10 for \$7.50, 100 \$60.00  
 15 in. B&B .....\$5.75 each, 10 \$48.00

— *pyramidalis* (Pyramidal). 25 ft. Zone II. This is perhaps the best tall form of American Arborvitae. Formal, narrow hedges.

\* 8-10 in. X ....25 for \$8.50, 100 \$33.00  
 \* 18 in. B&B .....\$3.50 each, 10 \$58.00

## TSUGA —the Hemlock

A noble tree. One of the most useful of all evergreens. In dry or wet soils, in sun or shade. *Canadensis* (Northern Hemlock). 60 ft. Zone III. In forests, a majestic patriarch, but readily sheared to hedge or modest specimen sizes. Humus. Stands shade. The most beautiful native evergreen.

	(Each)	(10)	(25)	(100)	(1000)
* 4-6 in. S.....	.....	.....	\$ 2.25	\$ 7.00	\$35.00
* 9-12 in. X.....	.....	.....	10.00	35.00	300.00
12 in. XX .....	.....	.....	18.00	70.00	.....
15 in. XX .....	.....	.....	40.00	150.00	.....
15-18 in. B&B .....	\$4.50	40.00	.....	.....	.....
2-3 ft. B&B .....	6.50	60.00	150.00	550.00	500.00

— *canadensis pomphret*— Neat, semi-dwarf, dark green. Otherwise like ordinary Hemlock.

\* 2 in. pots .....10 for \$12.50  
 3-3½ ft. B&B .....\$15.00 each

— *caroliniana* (Carolina Hemlock). 50 ft. Zone IV. Damp, acid preferred. Dense. Striking shadows. Drooping.

\* 12-15 in. S ...25 for \$5.00, 100 \$16.00  
 12-15 in. B&B 5 for \$6.00, 100 \$95.00

Special prices for Hemlock Hedges will be found on Page 8.



# Taxus -- The Yews

— **T. baccata (English Yew).** 30 ft. Zone VI. Spreading and, in old age, a large shrubby tree.

	(Each)	(10)	(100)
* 12-15 in. X ....	.....	\$9.50	\$75.00
18-24 in. B&B	\$7.50	68.00	.....

— **T.b. fastigiata (Irish).** 20 ft. Zone VI. A full column with great character and ruggedness.

12-15 in. B&B	\$5.50	\$50.00	\$450.00
18-24 in. B&B	8.50	.....	.....

— **T.b. repandens (Creeping).** 3 ft. Zone V. Very slow and hugging the ground. Dense nature. Rock-garden.

* 2½ in. pots ...	.....	\$9.00	\$60.00
12-15 in. B&B	\$5.50	48.00	400.00
18-24 in. B&B	9.00	85.00	.....

— **T.b. washingtoni (Golden).** 8 ft. Zone VI. Surprising yellow leaves on a broad bush.

* 8-10 in. X .....	.....	\$9.00	\$65.00
18-24 in. B&B	\$8.50	80.00	.....

— **T. canadensis stricta (Upright Canada Yew).** 2 ft. Zone II. Dense ascending, stiff branches make this desirable for low edging.

	(Each)	(10)	(100)
* 4-6 in. X .....	.....	\$7.50	\$60.00
* 8-10 in. X ....	.....	10.00	80.00
12-15 in. B&B	\$6.50	58.00	.....

— **T. chinensis (Chinese Yew).** Zone (V). 40 ft. Larger shiny needles than Japanese Yew. Little known but promising type.

* 4-6 in. X .....	.....	\$6.00	\$40.00
* 10-12 in. X ....	.....	10.00	80.00
2-2½ ft. B&B.....	.....	\$12.00	each

— **T. Hunnewelliana (Hybrid American Yew).** Canadensis crossed by cuspidata. 6 ft. Zone II. A pyramid of dark green, neat and hardy in extreme North. Colors in winter.

* 10 in. (pots) .....	.....	\$10.00	\$75.00
-----------------------	-------	---------	---------

## TAXUS CUSPIDATA (Japanese Yew)

For any and every purpose in which Evergreens are required this Yew can be recommended. Perfectly hardy in New England and Ontario, immune from most diseases and pests. Accommodating to an extraordinary degree, withstanding shade or full sunshine. Dark green at all seasons of the year. This plant has been acclaimed "Asia's greatest gift to the gardens of America."

— **T. cuspidata capitata (Upright Yew).** The natural form. Trees to 40 ft. The best type hedge Yew for all general purposes.

	(Each)	(10)	(100)
* 4-8 in. S .....	.....	.....	\$29.00
* 4-6 in. X .....	.....	\$5.00	35.00
* 6-8 in. X .....	.....	6.50	50.00
* 10-12 in. XX .....	.....	.....	110.00
15-18 in. B&B	\$6.50	58.00	500.00
3-4 ft. B&B	11.50	.....	.....

— **T. cuspidata (Spreading).** Commonly offered as "cuspidata." 6 ft. Zone III. A spreading open bush.

* 4-6 in. X ....	.....	\$5.00	\$35.00
* 12-18 in. X ..	.....	9.50	65.00
* 10-15 in. XX .....	.....	.....	120.00
12-15 in. B&B	\$4.75	43.00	400.00
18-24 in. B&B	7.00	63.00	600.00

— **T.c. columnaris (Columnar).** 12 ft. Narrow and dense.

* 6-8 in. X .....	.....	\$7.50	\$60.00
18-24 in. B&B	\$6.50	60.00	.....
2-3 ft. B&B...	8.50	78.00	700.00

— **T.c. intermedia (Improved).** 10 ft. Like Spreading Yew, but denser foliage and neater.

	(Each)	(10)	(100)
* 6-8 in. X .....	.....	\$7.00	\$50.00
12-15 in. B&B	\$5.50	50.00	400.00

— **T.c. Jeffreyi (Jeffrey's Pyramidal Yew).** A fine plant. Very narrow and upright in growth. One of the best of the column types introduced so far.

* 8-10 in. X .....	.....	\$8.50	\$65.00
12-15 in. B&B	\$5.00	45.00	400.00
2-3 ft. B&B..	8.50	80.00	750.00

— **T.c. nana ("brevifolia") (Dwarf).** 4 ft. Zone III. Slow growing, spreading, dense dark foliage. Picturesque. Substitute for Dwarf Boxwood.

* 4-6 in. X .....	.....	\$5.50	\$45.00
* 8-10 in. X ....	.....	7.00	60.00
* 8-10 in. XX ..	.....	.....	140.00
9-12 in. B&B	\$4.75	42.00	350.00
15 in. B&B...	6.50	60.00	.....

— **T. cuspidata nana Hilli.** Same type foliage as above but grows erect. A fat little pyramid.

	(Each)	(10)	(100)
* 4-6 in. X ...	.....	\$5.50	\$45.00
* 8-10 in. X ..	.....	7.50	65.00
12-15 in. B&B	\$5.00	43.00	400.00

— **T.c. nana femina.** A heavy berry-bearing type of the dwarf Yew with good foliage and good growing habit.

* 4-6 in. X ....	.....	\$5.50	\$45.00
* 12-15 in. X ..	.....	10.00	85.00

— **T.c. ovata.** Broad, upright in habit, large dark leaf and is unusually attractive throughout the year, especially in fall. Very heavy producer of red fruit. Zone IV.

* 4-6 in. X ....	.....	\$5.50	\$45.00
* 10-12 in. X ..	.....	8.50	70.00
12-15 in. B&B	\$4.75	44.00	400.00

— **T.c. vermeulen (Upright Brevifolia).** 12 ft. Zone III. New. Compact and dense. Broad base and narrow top. Beautiful pyramid with more red berries than most. Short needles.

* 4-6 in. X ....	.....	\$5.50	\$45.00
* 8-10 in. X ....	.....	7.50	60.00
* 12-15 in. X ..	.....	10.00	85.00
* 10-15 in. XX .....	.....	.....	140.00
12-15 in. B&B	\$5.00	43.00	400.00
2-3 ft. B&B..	8.50	80.00	750.00

## TAXUS media (Hybrid Japanese Yew)

— **T. media Hatfieldi** (Hatfield's Yew). 12 ft. Zone IV. A compact cone in outline. The branches are upright. Full of character.

(Each) (10) (100)

\* 4-6 in. X ..... \$5.00 \$40.00  
 \* 12-15 in. X ..... 10.00 80.00  
 12-15 in. B&B.. \$5.00 45.00 400.00

— **T. m. hicksii** (Hick's). 10 ft. Zone IV. Strong, fat upright shrub. Fine for hedges. Good berries.

\* 4-6 in. X ..... \$5.50 \$40.00  
 \* 12-15 in. X ..... 10.00 80.00  
 \* 12-15 in. XX ... .. 120.00  
 15-18 in. B&B.. \$6.50 58.00 500.00

— **T. m. Kelseyi** (Berrybush). 8 ft. Zone IV. Our introduction 1936 and attracting favorable comment everywhere. Propagated from the point of view of its wealth of red berries in autumn. Bears young and grows slowly. A dense, full bush. Needles like the Dwarf Yew.

\* 4-6 in. X ..... \$5.50 \$45.00  
 \* 6-10 in. XX .... 12.00 95.00  
 10-15 in. B&B.. \$4.50 39.00 .....

— **T. m. thayeri**. Broad, flat, spreading bush, light green.

\* 4-6 in. X ..... \$5.50 \$40.00  
 \* 12-15 in. X ..... 10.00 80.00  
 12-15 in. B&B.. \$5.00 45.00 400.00

— **T. m. Andersoni**. A wide vase-shaped form. Zone V. Among the best.

\* 4-6 in. X ..... \$5.50 \$40.00  
 \* 12-15 in. X ..... 10.00 80.00  
 12-15 in. B&B.. \$5.00 45.00 400.00

— **T. m. Browni**. A form of Media of very dense habit conical in outline; dark green foliage. Zone IV.

\* 4-6 in. X ..... \$5.50 \$40.00  
 \* 12-15 in. X ..... 10.00 80.00  
 12-15 in. B&B., \$5.00 45.00 400.00

— **T. m. Wardi**. A low, spreading, but compact form. Rather fine foliage. Zone V. (Each) (10) (100)

\* 4-6 in. X ..... \$5.50 \$40.00  
 \* 12-15 in. X .... 10.00 80.00  
 12-15 in. B&B \$5.00 45.00 400.00

— **T. m. Wellesleyana**. A dense, fat column; foliage a fine dark lustrous color. Zone IV.

\* 4-6 in. X ..... \$5.50 \$40.00  
 \* 12-15 in. X'.... 10.00 80.00  
 12-15 in. B&B \$5.00 45.00 400.00

## Taxus Media Varieties 7 Outstanding Introductions

**PILARIS** (Pillar Yew) — Narrower, with short sloping branches. Dark green. To 12 ft.

**GRANDIFOLIA** (Bigleaf Yew) — Needles are enormous, dark green. Otherwise *Pilaris*.

**SENTINALIS** (Sentinel Yew) — Fantastically narrow, but well leaved. To 12 feet.

Any one of above three kinds:—

\* 6 to 9 in. (Pots).....5 for \$9.50

**COLLECTION**— One each of all seven of these new yews in potted plants as above for \$12.50 postpaid.

**PYRAMIDALIS** (Pyramid Yew)—narrow, fast growing to 15 feet. Dark green.

**ROBUSTA** (Obelisk Yew) — Even faster growth to 20 ft. Otherwise the same.

**STRICTA** (Narrowbush) — Slow, to 6 feet. Narrow dwarf, compact vertical growth.

**VERIDIS** (Grassgreen Yew) — Same as the *Stricta*, but bright green all winter.

Any one of above four kinds:—

\* 9 to 12 in.(pots).....5 for \$9.50  
 2 to 2½ ft. B&B....\$13.25, 5 for 62.50

**COLLECTION**— Any four from above 4 kinds, 2 ft. B&B. for \$50.00 packed.

### Collection Dwarf Yew

Four of the best varieties of Yew for varied foundation or garden planting. All 12 to 15 inch transplanted, little trees. Roots packed in damp moss.

**Vermeulen Yew.** **Hicks Yew**  
**Dwarf (nana) Yew.** **Spreading Yew**

2 of each (8 plants) for \$12.00  
 5 of each (20 plants) for \$25.00



read left to right

Upper: *Capitata*, *Sentinel*, *Pillar*, *Robusta*, *Stricta*

Lower: *Kelsey*, *Nana*, *Vermeulen*, *Cuspidata*

# HANDSOME DECIDUOUS

# TREES

On these 5 pages is an alphabetical list of deciduous trees—the better kinds only. Many sorts not listed can be quoted on request. Small, bushy trees are included in this list, though some of them come close to being shrubs (there is no clear dividing line). We try to simplify, e.g., all Maples, even dwarf forms, are here—while all Viburnums, even tree-like kinds, are listed as shrubs.

## HELP IN SELECTING

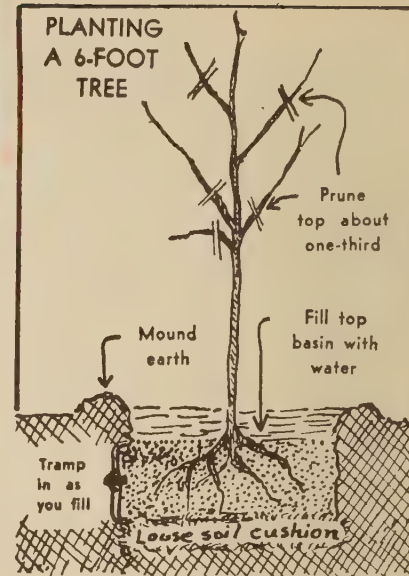
### SHADE TREES

	Tolerance		Faults			Virtues		
	Poor soil	Wet soil	Smoke	Root-greedy	Weak-branch	Quick	Healthy	Showy
ACER Negundo (Box-elder).....	x	x	x	x	x	x	..	..
A. platanoides (Norway Maple)...	..	..	x	x	..	x	..	x
A. rubrum (Red Maple).....	..	x	..	x	..	x	..	x
A. saccharum (Sugar Maple).....	x	..	..	..	..	x	..	..
BETULA alba (Birch).....	x	..	..	..	x	..	x	..
B. populifolia (Gray B.).....	x	x	..	..	x	x	..	x
B. papyrifera (Canoe Birch).....	..	..	..	..	..	..	x	x
CELTIS (Hackberry) .....	x	..	..	..	..	..	..	..
FAGUS (Beech) .....	..	..	..	..	..	..	x	..
FRAXINUS (Ash) .....	..	x	x	..	..	x	..	..
GINGKO Biloba .....	..	..	x	..	..	x	x	..
GYMNOCLADUS (Coffee-tree)...	..	..	..	..	..	..	x	..
PLATANUS (Sycamore) .....	..	x	..	..	..	..	..	..
P. acerifolia (Oriental Plane)....	..	x	x	..	..	x	..	..
POPULUS (Poplar—most kinds) x	..	..	..	x	x	x	..	..
QUERCUS palustris (Pin Oak)...	..	x	..	..	..	x	..	..
Q. coccinea (Scarlet Oak).....	..	x	..	..	..	..	..	..
Q. rubra (Red Oak).....	x	x	..	..	..	..	..	..
SALIX (Willow—most kinds).....	..	x	..	x	x	x	..	..
TAXODIUM (Bald-cypress) .....	..	x	..	..	..	x	x	x
TILIA (Linden—most kinds).....	..	..	..	..	..	x	..	x
ULMUS campestris (English Elm) ..	..	..	x	x	..	..	..	..
U. americana (American Elm)...	..	x	..	x	..	..	..	..
U. pumila (Siberian Elm).....	x	..	..	x	..	x	..	..

## FLOWERING TREES

FEET		Healthy	× = flower; O = fruit					
Wide	High			Early	May	June	Summer	Autumn
20	40	..	Aesculus rubicunda .....	..	×	..	..	..
30	80	..	Catalpa speciosa .....	..	..	×	..	..
12	35	×	Cercis (Red Bud) .....	×	..	..	..	..
15	25	×	Cornus florida .....	..	×	..	..	O
12	20	×	Cornus kousa .....	..	..	×	..	..
12	20	×	Cornus mas .....	×	..	..	O	..
15	20	×	Crataegus (Hawthorn) .....	..	×	..	..	O
12	30	×	Franklinia (Gordonia) .....	..	..	..	×	×
15	25	..	Halesia tetraptera .....	..	×	..	..	..
8	20	×	Hamamelis mollis .....	×	..	..	..	..
15	25	..	Koelreuteria .....	..	..	..	×	..
20	40	×	Laburnum vossi .....	..	..	×	..	..
40	100	×	Liriodendron tulipifera .....	..	..	×	..	..
12	25	×	Magnolia conspicua .....	×	..	..	..	..
10	20	×	Magnolia soulangeana .....	×	..	..	..	..
12	25	..	Magnolia lennei.....	..	×	..	..	..
10	20	×	Magnolia nigra .....	..	×	..	..	..
8	8	×	Magnolia stellata .....	×	..	..	..	..
15	20	..	Malus (Flowering Crabs) .....	..	×	×	..	O
12	30	×	Oxydendron arboreum .....	..	..	..	×	×
20	40	..	Prunus (Fl. Cherry) ..	..	×	..	..	..
30	70	×	Robinia pseudacacia.....	..	..	×	..	..
30	60	×	Sophora japonica .....	..	..	..	×	..
15	40	×	Sorbus (Mountain Ash) .....	..	..	..	O	..
10	20	..	Styrax japonica .....	..	×	..	..	..
15	20	..	Symplocos paniculata .....	..	×	..	..	O
40	80	..	Tilia (Linden) .....	..	..	×	..	..

## PLANTING A 6-FOOT TREE



## Trees Grow Quickly

Since a young tree requires little care, and is much less expense and trouble to plant than a large one, it pays to plan ahead. A special list of bargains for such use is made on Page 13.

Ulmus pumila Poplars and Willows are famous for rapid growth—but among "slow" trees known to have reached 30 feet or more in their first 15 years of life are Red Oak, Pin Oak, most Maples, Liriodendron, several Birches, Black Locust and American Linden.

**Photo Birch Clumps: B. papyrifera is brown when young but whiter and more long-lived when mature. Populifolia is for quick effects. Two or more trees in one hole give clump effect quickest and cheapest.**



**ACER palmatum atropurpureum** (Red-Leaved Maple). 10 ft. Mostly wine-red leaves. Bushy, compact. Any sheltered soil. In time, becomes an open tree-like shrub. Zone V.

\* 12-15 in. X 5 for \$10.00, 100 \$125.00

— **Palmatum bloodgood**. The same, but a far better summer color. Grafted.

\* 8-12 in. X ..5 for \$12.00, 100 \$200.00

\* 12-15 in. X..\$3.50 each, 10 for \$30.00

— **platanoides** (Norway Maple). 60 ft. Zone III. Dense, round-headed. Excellent for city streets. Easily grown. Bad in gardens, because of greedy roots.

\* 6-12 in. .... 25 for \$4.00, 100 \$13.00  
8-10 ft. \$7.50, 10 \$65.00, 100 \$575.00

— **rubrum** (Red or Swamp Maple). 80 ft. Zone III. Majestic drooping pyramid. Red flowers in April. Wet land but tolerant of drainage.

\* 12 in. ....25 for \$3.50, 100 \$9.00

\* 4 ft. ....5 for \$7.00, 100 \$125.00

\* 6 ft. ....5 for \$9.00, 100 \$150.00

8-10 ft. \$8.50, 10 \$70.00, 100 \$575.00

— **saccharum** (Sugar Maple). 100 ft. Zone III. Hates smoky cities. Heavy dense, regular pyramid. Autumn color. The most effective country landscape shade tree there is. Bold and dark at a distance.

\* 12 in. ....25 \$3.50, 100 \$9.00

\* 4 ft. ....5 for \$7.00, 100 \$125.00

\* 6 ft. ....5 for \$10.00, 100 \$180.00

8-10 ft. \$6.75, 10 \$60.00, 100 \$475.00

**BETULA alba** (European White Birch). 40 ft. Zone II. Good white bark. Spreading. Very tolerant tree.

\* 3-4 ft. X .....10 for \$8.00, 100 \$50.00

4-6 ft. ....5 for \$11.50, 100 \$195.00

6-8 ft. \$5.00, 10 \$45.00, 100 \$375.00

— **laciniata** (Cutleaf Weeping). Like above, but drooping branches and lacy, drooping leaves. The effect is superb on a lawn. Only fault: Hard to move large trees.

4-5 ft. ....5 for \$17.50, 100 \$270.00

6-8 ft. ....\$7.00 each, 5 for \$32.00

— **papyrifera** (Canoe or Paper Birch). 80 ft. Zone II. Whitest bark of all, but yellowish when young. Handsome, long-lived, tolerant.

\* 2 ft. ....25 for \$6.50, 100 \$20.00

\* 3-4 ft. ....5 for \$4.00, 100 \$60.00

6-8 ft. ....\$6.00, 5 for \$25.00

— **populifolia** (Gray Birch). 30 ft. Zone IV. The common clump of "white" birch in woods. Poor soil. Shortlived,

\* 2 ft. ....25 for \$6.50, 100 \$20.00

\* 4-6 ft. ....5 for \$7.50, 100 \$95.00

**AESCULUS hippocastanum** (Flowering Horsechestnut). 60 ft. tree. Zone III. Stately pyramid. White flowers in late May. Deep damp soil.

6-8 ft. ....\$7.50, 5 for \$30.00

— **pavia** (Red Buckeye). Shrubby to 20 ft. Zone V. Handsome little known native.

4-5 ft. ....\$12.50 each, 5 for \$50.00

**CARYA laciniosa** (Shellbark Hickory). 100 ft. Zone V. Wet, rich soil.

\* 12-18 in. ....25 for \$8.00, 100 \$28.00

\* 4-5 ft. ....5 for \$20.00, 100 \$300.00

— **ovata** (Shagbark Hickory). 80 ft. Zone IV. Light, drained soil.

\* 12 in. ....25 for \$8.00, 100 \$28.00

\* 4-5 ft. ....5 for \$20.00, 100 \$300.00

**CASTANEA mollissima** (Chinese Chestnut). See description, Page 47.

\* 12 in. ....10 for \$7.50, 100 \$45.00

**CATALPA speciosa** (Western Catalpa). 80 ft. Zone IV. Handsome pyramid. Spotted white in June. Showy. Timber durable in water.

\* 2 ft. ....10 for \$4.00, 100 \$20.00

6 ft. ....5 for \$7.50, 100 \$120.00

**CELTIS occidentalis**. 100 ft. Zone II. Good straight timber, handsome. Moist. Stands city.

\* 2-3 ft. ....10 for \$5.00, 100 \$20.00

5-6 ft. \$4.50, 10 \$40.00, 100 \$300.00

8-10 ft. \$6.75, 10 \$60.00, 100 \$500.00.

**CERCIS canadensis** (Red Bud). 20 ft. Zone IV. Rosy pink buds cover bare branches in April. Humus. Beautiful. Part shade.

\* 18 in. ....25 for \$4.00, 100 \$12.00

\* 2-3 ft. ....10 for \$3.50, 100 \$17.50

3 ft. \$2.25, 4 ft. \$4.00, 5 ft. \$6.00

**CHIONANTHUS virginica** (White Fringe). 25 ft. Zone IV. Fragrant white tassels in May. A slow tree, but worth waiting for. Good drainage.

2-3 ft. ....\$2.75, 6-8 ft. ....\$7.50

— **retusus**. 18 ft. Zone V. Similar, and as handsome as the above. Blooms June-July. Rare.

1½-2 ft. ....\$3.50 each, 5 for \$15.00

**CLADRASTIS lutea** (Yellow-wood). 50 ft. Zone III. Fragrant, white in June. Stands drought. Deep roots.

1½-2 ft. ....\$3.00 each, 10 for \$25.00

2-3 ft. ....\$4.50 each, 10 for \$35.00



**Cornus florida plena**

**CORNUS florida** (Flowering Dogwood). 25 ft. Zone IV. Very showy white in May, large red berries October on. Acid, humus. No more sensational sight than a group in bloom.

\* 12 in. ....25 for \$6.00, 100 \$18.00

\* 18 in. ....10 for \$4.50, 100 \$22.00

\* 2 ft. ....10 for \$7.50, 100 \$50.00

3-4 ft. X .....\$3.00 each, 5 for \$10.00

4 ft. ....5 for \$11.00, 100 \$180.00

5-6 ft. \$5.00, 10 \$25.00, 100 \$210.00

— **rubra** (Pink Flowering). Pink flowers. No real red is known, but the clear pink is a beautiful tone. Plant in with white for best effect.

\* 10-15 in. X ....5 for \$11.00, 25 \$25.00

2-3 ft. ....\$6.00, 5 for \$25.00

3-4 ft. ....\$7.50, 5 for \$35.00

— **fl. plena** (Double Dogwood). Rare form with showy double white bloom. Finer than the single.

2-3 ft. ....\$7.00 each, 5 for \$30.00

— **kousa** (Japan Flowering Dogwood). 20 ft. Zone V. Like our native C. florida, but in June and more tolerant. Bushier.

\* 6-12 in. S ....10 for \$4.00, 100 \$28.00

2-3 ft. ....\$3.00 each, 10 for \$20.00

— **chinensis**. Form of Kousa with larger, whiter flowers.

\* 12-15 in. ....5 for \$12.00

— **mas** (Cornelian Cherry). 20 ft. Zone V. A yellow cloud in April. Scarlet berries August. Tolerant.

\* 6-12 in. ....10 for \$4.00, 100 \$28.00

\* 1-2 ft. X .....5 for \$5.00, 100 \$70.00

6-8 ft. \$6.00, 10 \$50.00, 100 \$400.00

**COTINUS coggygia** (Smoke-Tree). 20 ft. Zone V. Oct. Wash of feathery purple covers entire plant.

2-3 ft. .... \$2.00, 5 for \$9.50

**CRATAEGUS cordata** (Washington Thorn). 20 ft. Zone IV. Round head, bushy. Red fruit all winter.

\* 9-12 in. ....25 for \$8.00, 100 \$25.00

4-5 ft. .... \$8.50 each, 5 for \$35.00

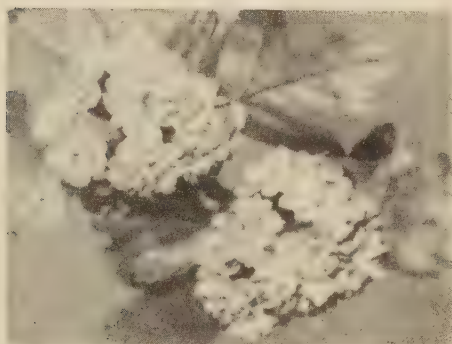
— **oxycantha** (May Tree; English Haw). 20 ft. Zone IV. Showy white flower in May, fragrant. Red autumn fruit. An excellent hedge plant.

\* 12-18 in. ..10 for \$7.50, 25 for \$12.50

4-5 ft. ....\$8.00, 5 for \$35.00

— **splendens**. (Paul Scarlet Hawthorne). Form with showy red flowers. Red berries. Prefers sun, lime, and heavy soil—even clay. In light soils, manure.

4-5 ft. ....\$4.50 each, 10 for \$37.50



**Crataegus Splendens**

**FAGUS americana** (American Beech). 80 ft. Zone III. Lime, drainage. Gray bark, majestic drooping form. Slow.

\* 18 in. S .....25 for \$3.50, 100 \$9.50

\* 6-12 in. X ....10 for \$3.00, 100 \$25.00

10 ft. ....\$10.00 each, 5 for \$40.00

— **sylvatica** (European Beech). 80 ft. Zone IV. Smaller, darker leaves. Lime, drain. Very slow. Dense shade.

\* 6-12 in. S ....25 for \$5.00, 100 \$15.00

2-3 ft. ....\$7.50 each

— **riversi** (Purple). Reddish-purple leaves. Handsome, bushy tree.

2-3 ft. B&B .....\$11.00, 5 for \$50.00

5-6 ft. B&B .....\$23.00, 5 for \$100.00

**FRAXINUS americana** (White Ash). 100 ft. Zone III. Handsome, vigorous. Autumn color. Damp or dry.

\* 2 ft. ....10 for \$3.50, 100 \$9.00

6 ft. ....\$3.50, 10 for \$30.00

**GINGKO biloba** (Maidenhair Tree). 100 ft. Zone IV. Slow, but tolerant of any condition—including smoke.

\* 12 in. ....25 for \$15.00, 100 \$45.00

5-6 ft. ....5 for \$18.75, 25 for \$80.00

6-8 ft. \$6.50, 10 \$57.00, 100 \$500.00



**The rare Franklinia**

## FRANKLINIA ALATAMAHA

### Ben Franklin's Tree

35 ft. Zone V. Large white and yellow blooms fragrant from August to frost. Damp, acid, heavy, humus, blooms best in sun. Blooming starts on small plants. An extraordinary native.

Leaves bright red in autumn — often while white flowers still open. The only flowering tree that blooms in late fall. Unlike most trees, small sizes need more "nursing" than larger sizes.

	(Each)	(10)
18-24 in. ....	.....	\$30.00
2- 3 ft. ....	\$5.00	35.00
3- 4 ft. ....	6.50	55.00
4- 5 ft. ....	7.50	65.00
5- 6 ft. ....	12.00	110.00

**GLEDITSIA tricanthos inermis** (Thornless Honey Locust). 100 ft. Zone IV. Rich soil, sun. Good timber and good stock feed.

\* 1½-2 ft. ....25 for \$3.00, 100 \$10.00

6-8 ft. \$5.50, 10 \$50.00, 100 \$400.00

**GYMNOCLADUS dioicus** (Kentucky Coffee Tree). 90 ft. Zone IV. Handsome, tolerant tree.

\* 12-18 in. ...25 for \$15.00, 100 \$40.00

\* 4-5 ft. ....10 for \$15.00, 100 \$120.00

8-10 ft. ....\$8.00 each, 10 for \$65.00

**HALESIA tetraptera** (Great Silverbell). 25 ft. Zone IV. Profusion of white bells nod in May. Acid, humus.

\* 6-12 in. ....25 for \$6.00, 100 \$25.00

4-5 ft. \$3.50, 10 \$28.00, 100 \$250.00

— **monticola** (Mountain Silverbell). Larger to 60 ft., Zone V, Otherwise similar to above.

\* 12 in. S .....25 for \$6.50, 100 \$22.00

2-3 ft. ....\$2.75 each, 10 for \$20.00

**JUGLANS nigra** (Black Walnut). (See also Page 47). 120 ft. Zone IV. Rich moist. Majestic, with good timber, handsome leaf and delicious nuts. The following are seedlings:

\* 2 ft. ....25 for \$6.00, 100 \$18.00

4-5 ft. ....5 for \$11.00, 100 \$80.00

6-8 ft. \$5.50, 10 \$50.00, 100 \$400.00

— **cinerea** (Butternut). 8 ft. Zone III. Nut has stronger flavor.

\* 12-18 in. ....10 for \$4.50, 100 \$15.00

\* 4-5 ft. ....10 for \$15.00, 100 \$90.00

6-8 ft. ....\$8.75 each, 6 for \$40.00

**KOELREUTERIA paniculata** (Golden Rain Tree). 25 ft. Zone V. Sun, lime, dry. Large golden clusters in July. Showy.

\* 12 in. S .....10 for \$7.50, 100 \$50.00

2-3 ft. ....\$3.00 each, 10 for \$20.00

**LABURNUM vossi** (Hybrid Golden Chain). 35 ft. Zone V. Hardier and freer to bloom. A clearer yellow color. Lime. Bright green stems in winter.

3-4 ft. ....\$3.00, 4-5 ft. ....\$4.50,

**LIQUIDAMBAR styraciflua** (Sweet Gum). 90 ft. Zone IV. Leaf like maple and turns ablaze in autumn. Damp, heavy soil.

\* 2-3 ft. ....25 for \$6.00, 100 \$18.00

4-5 ft. ....5 for \$6.25, 100 \$100.00

**LIRIODENDRON tulipifera** (Tulip Tree). 150 ft. Zone IV. Majestic giant, with yellowish tulips in June. Humus.

\* 12-18 in. ....25 for \$3.00, 100 \$5.50

\* 3 ft. ....10 for \$4.00, 100 \$12.00

5 ft. ....5 for \$7.75, 100 \$120.00

6-8 ft. \$5.50, 10 \$47.50, 100 \$400.00

\*=young, unformed. X=transplanted.  
B&B ball of earth, shapely. Plants not marked: well shaped.

**MAGNOLIA glauca** (Swamp Laurel). 16 ft. Zone V. Prefers moist, but tolerant. Semi-evergreen. White blooms scattered from June to August. Very fragrant.

\* 12 in. X .....5 for \$4.50, 100 \$60.00  
2-3 ft. XX \$3.00, 10 \$25.00, 100 \$200  
3-4 ft. B&B ...\$5.50 each, 10 \$50.00

— **grandiflora** (Great Southern Magnolia). Zone VI, if protected. For experimenters:—

\* 12-15 in. X 5 for \$6.00, 25 for \$25.00

— **soulangeana** (Saucer Magnolia). 20 ft. Zone V. Late April show of large rose-purple blossoms, white inside. A hybrid species, including small handsome varieties. Drain well.

\* 12-18 in. ....25 for \$35.00  
2-3 ft. B&B ..\$6.50 each, 5 for \$30.00

— **soul.** Lombardy rose. Rose and white, larger.

2-3 ft. ....\$7.50 each, 5 for \$35.00

— **kobus.** Zone V. Large white, May.

2-3 ft. B&B \$6.75 each, 5 for \$30.00

— **macrophylla** (Big-leaf Magnolia). 60 ft. Zone V. 18-inch leaves, foot-wide flowers May, fragrant.

\* 8-12 in. 2 year .. 5 \$3.00, 100 \$40.00

— **Sieboldi** (Korean Magnolia). 30 ft. Zone V. Showy white fragrant cups in June.

1½-2 ft. ....\$6.00 each, 5 for \$25.00

## MALUS—Flowering Crabs



Flowering Crab

**MAGNOLIA stellata** (Star Magnolia). 12 ft. Shrubby. Zone V. Early April sees ribbony, white, fragrant blooms.

\* 10 in. (potted) .....5 for \$13.75  
12-18 in. ....\$4.00 each, 5 for \$15.00  
18-24 in. ....\$6.00 each, 5 for \$20.00

— **waterlily.** New, hardier, pink-tipped form. Each branch tip has double blooms in late April. Bushy growth. Utterly beautiful.

\* 10 in. (potted) .....5 for \$17.50  
12-18 in. ....\$5.00 each, 5 for \$20.00  
18-24 in. B&B...\$8.50 each, 5 \$37.50

Magnolia Stellata



Vigorous, hardy, and breathtaking.

These small trees in season are masses of bloom.

Zone III to V. Easy to grow. Showy in May. Any one kind:

	(each)	(10)	(100)
2-3 ft. ....	.....	\$15.00	\$95.00
4-5 ft. ....	\$ 3.75	30.00	195.00

**Eleyi.** 20 ft. Red flower and leaf.

**Floribunda.** 18 ft. Pink, opens white.

**Flor. purpurea,** purple leaf form.

**Gloriosa** — purple red flowers, large bright red fruit.

**Parkmanni** — 15 ft. Picturesque form. Rosy-red double blooms.

**Lemoine** — 18 ft. Dark pink blooms, red fruit.

**Bechtel.** 20 ft. Fragrant, pink, late.

**Sargenti.** 6 ft. Dwarf, late, white.

**Spectabilis.** 20 ft. Rose, blush, semi-double.

**Theifera.** 15 ft. Pink to white.

**METASEQUOIA** (Dawn-redwood). Deciduous. The new living fossil conifer from western China. Hardiness probably Zone II. 10 to 12 in. transplanted seedlings.

1-1½ ft. ....\$6.00, 2-3 ft. ....\$9.00

**MORUS alba** (Russian Mulberry). 30 ft. Zone IV. Round-topped tree. Fruit white to purple, edible.

\* 2 ft. ....25 for \$5.00, 100 \$12.00  
3-4 ft. ....5 for \$3.75, 100 for \$25.00  
6 ft. ....\$3.50, 5 for \$13.50

**NYSSA sylvatica** (Tupelo). 60 ft. Zone IV. Interlaced, drooping. Early autumn color. Moist. Hard to transplant.

3 ft. B&B ..\$8.00, 5 ft. B&B ...\$14.00

**OXYDENDRON arboreum** (Sorrel Tree). 30 ft. Zone IV. Peach-leaves turn red in autumn. Long clusters of white in July and August. Acid.

\* 12 in. ....5 for \$4.00, 100 \$55.00  
2-3 ft. \$2.75, 10 \$20.00, 100 \$150.00

**PHELLODENDRON Amurense** (Amur Cork Tree). 4 ft. Zone III. Handsome, tolerant small shade tree.

5-6 ft. ....\$4.50, 6-8 ft. ....\$5.50

**PLATANUS occidentalis** (Sycamore). 120 ft. Zone IV. Giant, dignified native shade tree. Tolerant but prefers moisture.

\*1½-2 ft. ...25 for \$3.50, 100 for \$11.00  
6-8 ft. \$4.50, 10 \$37.50, 100 \$300.00

- "Orientalis" (Acerifolia) (Plane). 90 ft. Zone V, VI. Good city tree.

\*12 in. ....10 for \$7.50, 100 \$60.00  
6-8 ft. ....\$5.00 each, 10 for \$40.00

**POPULUS bolleana** (Bolleana Poplar). 40 ft. Zone II. Narrow column, hardy and disease-free. Better than Lombardy, Green leaf, white beneath.

4 ft. ....10 for \$11.00, 100 \$95.00  
6-8 ft. \$3.75, 10 \$30.00, 100 \$250.00

- *nigra italica* (Lombardy Poplar). 60 ft. Zone II. Quick column. Popular, but prone to disease, so that old specimens are rare. Very tolerant.

\*18-24 in. ....25 for \$3.50, 100 \$9.50  
5-6 ft. ...\$1.75, 10 \$14.00, 100 \$95.00  
10 ft. ..\$3.75, 10 \$25.00, 100 \$200.00

## PRUNUS— *Flowering Fruits*

**PRUNUS americana** (Native Plum). 40 ft. Zone V. White flowers. Bird food.

3-4 ft. ...\$1.25, 10 \$10.00, 100 \$80.00

- *padus* (Bird Cherry). 50 ft. Zone III. Long white clusters in May. Black fruit for birds.

5-6 ft. ....\$4.00 each, 10 \$35.00

- *trilobaplana* (Purple-leaf). 12 ft. Zone IV. Pink flowers in May. Dark purple foliage, dulls in summer. A fine small lawn tree.

3-4 ft. \$2.00, 10 \$17.50, 100 \$150.00

- *pennsylvanica* (Wild Red Cherry). 30 ft. Zone II. White, May; red fruit July. Excellent bird attraction.

5-6 ft. ....\$3.00 each, 10 \$22.50

### JAPANESE FLOWERING CHERRIES

- *Amanagawa*. 20 ft. Zone V. Erect narrow column, blush-pink in late May.

- *Fugenzo* (Veitch). 20 ft. Large double pink, late. Spreading.

- *kwanzan*. Easily the darkest pink. Fully double, large flowers. Zone V.

- *sieboldi* (Naden). Small tree to 20 ft. Zone V. May. Pink-white, showy clusters.

Any of above 4 kinds:-

2-3 ft. \$3.50, 10 \$30.00, 100 \$250.00

4-5 ft. ....\$6.50, 5 for \$30.00

- *pendula* (Weeping Cherry). Familiar fountain of pink. 15 ft.

4 ft., 1-year heads \$8.50 each, 5 \$37.50

- *yedoensis* (Yoshino Cherry). 50 ft. Zone V. Vigorous species, this kind banks the Tidal Basin of Washington. Pink, fragrant, in May.

\*18-24 in. S...10 for \$6.00, 100 \$45.00

2-3 ft. \$3.50, 100 \$30.00, 100 \$250.00

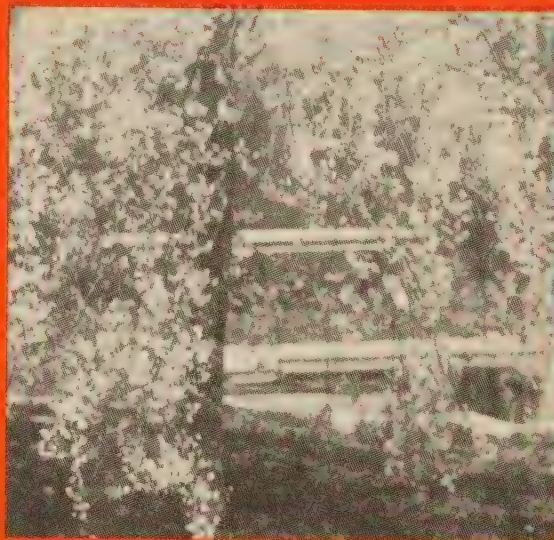
4-5 ft. ....\$6.50 each, 10 for \$60.00

**PSEUDOLARIX** (Golden Larch). 100 ft. Zone V. Rare, beautiful. Feathery leaves turn golden before they fall. Acid.

\*1-1½ ft. \$2.00 each, 10 \$15. postpaid



*Amanogawa Cherry*



*Weeping Cherry*



*Quercus Rubra (Red Oak)*



**Salix Babylonica**

**SALIX alba Vitellina** (Russian Golden Willow). 40 ft. Zone II. Branches are bright startling yellow. Damp soil.

\*18 in. ....10 for \$4.50, 100 \$30.00  
5-6 ft. ....5 for \$7.00, 100 \$90.00  
6-8 ft. ....\$3.75, 5 for \$15.00

— **babylonica** (Babylon Weeping). 30 ft. Zone V. Familiar green fountain. Near, but not in water. Not very good in old age, but fine for say, 25 years.

\*2 ft. ....25 for \$6.00, 100 \$20.00  
\*4 ft. ....5 for \$4.75, 100 \$85.00  
5 ft. ....5 for \$7.75, 100 \$120.00  
6-8 ft. ....\$3.75, 5 for \$12.00

— **blanda** (Wisconsin Weeping). More vigorous hybrid of Babylonica. Spreading head, weeping. Zone IV.

\*4 ft. ....5 for \$4.75, 100 \$85.00  
6-8 ft. ....\$3.75, 5 for \$12.00

— **niobe** (Golden Weeping). 40 ft. Zone II. Drooping yellow branches.

\*2 ft. ....25 for \$6.00, 100 \$20.00  
4-5 ft. ....5 for \$4.75, 100 \$85.00  
6-8 ft. ....\$3.75, 5 for \$12.00

— **pentandra** (Laurel-leaf Willow). 60 ft. Zone IV. Handsome tree, shiny dark leaves. Showy catkins April.

\*2 ft. ....25 for \$6.00, 100 \$20.00  
4-5 ft. ....5 for \$4.75, 100 \$85.00  
6-8 ft. ....\$3.75, 5 for \$12.00

— **nana purpurea** (Arctic Willow). Blue leaved dwarf to Zone I. Grows anywhere, even damp clay. Not over 2 ft., bushy, nice foliage. Excellent for low edging in climates or soils where other dwarf hedge plants will not grow.

\*8-12 in. ....10 for \$3.00, 100 \$20.00  
1½-2 ft. ..\$1.25, 10 \$9.50, 100 \$80.00

**SOPHORA japonica** (Scholar Tree). 60 feet. Zone IV. Yellow, pea-like blooms in August.

\*6-12 in. ....10 for \$5.00, 100 \$40.00  
2-3 ft. B&B \$11.00 each, 5 for \$47.50

**SORBUS aucuparia** (European Rowan Tree). 30 ft. Zone II. Clusters of orange, in August. Showy.

\*12 in. ....25 for \$5.50, 100 \$18.00  
4-5 ft. ....5 for \$9.25, 100 \$160.00  
6-8 ft. ....\$5.50, 6 for \$22.50

**TAXODIUM distichum** (Bald Cypress). 80 ft. Zone V. Is not evergreen, but looks like one. Graceful, feathery pyramid. Very fine shade tree. Tolerant. 4 ft.

\*12 in. S .....10 for \$4.00, 100 \$30.00  
2-3 ft. ....\$2.50 each, 10 for \$20.00

**TILIA americana** (Basswood). 80 ft. Zone II. Rich soil, not good in city air. Fragrant white, June.

\*1½ ft. X .....10 for \$7.50, 100 \$60.00  
4-5 ft. ....5 for \$7.50, 100 \$120.00  
6-8 ft. \$5.50, 10 \$47.50, 100 \$400.00

— **vulgaris** (Common European Linden). 80 ft. Zone III. Street tree, the best flowers of any. June and July.

6-8 ft. \$6.50, 10 \$57.50, 100 \$500.00

**ULMUS americana** (American Elm). 100 ft. Zone II. Most beautiful native tree. Tolerant, even of flooded land. Subject to blight near New York.

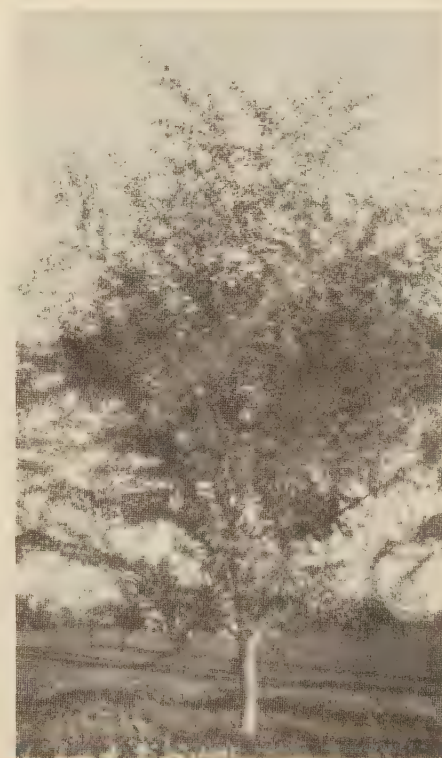
\*2 ft. ....25 for \$2.50, 100 \$6.50  
5-6 ft. ....5 for \$6.75, 100 \$125.00  
6-8 ft. \$2.90, 10 \$23.00, 100 \$200.00

— **campestris (procera)** (English Elm). 120 ft. Zone V. Smoke and disease resistant.

6-8 ft. \$4.00, 10 \$35.00, 100 \$300.00

— **pumila** (Siberian or Chinese Elm). 45 ft. Zone IV. Neat, small, bushy tree. Very tolerant of dry land. Permanently desirable tree. Makes an excellent sheared hedge.

\*2-3 ft. ....25 for \$4.00, 100 \$9.00  
5-6 ft. ....5 for \$6.75, 100 \$125.00  
8-10 ft. \$4.75, 10 \$30.00, 100 \$200.00



**Ulmus Pumila**

\*=young, unformed. X=transplanted.  
B&B ball of earth, shapely. Plants not marked: well shaped.

# VINES

These plants are really shrubs that climb; plant just like shrubs (see Page 24). Evergreen kinds are treated like broadleaf evergreens (Page 20). Vines and plants for Ground Covers are on Page 17.

Their climbing habits vary: Some need tying, others will twine if supports are available, others cling or root to rough surfaces without support. All are tolerant, those marked \* in table need no care at all.

	Cling	Twine	Need Tying	o=fruit x=flower	Early	May	June	Summer	Autumn
Akebia*	..	x	..	..	..	x	..	..	..
Ampelopsis*	x	..	..	..	..	..	..	..	o
Aristolochia	..	..	x	..	..	x	..	..	..
Bignonia*	x	..	..	..	..	..	..	x	..
Celastrus*	..	x	..	..	..	..	..	..	o
Clematis	..	..	x	..	..	..	..	x	..
Euonymus	x	..	..	..	..	..	..	..	o
Hedera*	x	..	..	..	..	..	..	..	..
Hydrangea	x	..	..	..	..	..	x	..	..
Jasminum	..	..	x	..	x	x	..	..	..
Lonicera*	..	x	..	..	..	..	x	x	..
Lycium*	..	..	x	..	..	..	..	x	o
Parthenocissus*	x	..	..	..	..	..	..	..	..
Polygonum	..	x	..	..	..	..	..	..	x
Rose	..	..	x	..	..	..	x	x	..
Vitis	..	x	..	..	..	..	..	o	o
Wisteria*	..	x	..	..	..	x	x	..	..

**AKEBIA Quinata** (Five-leaf Akebia). Zone V vine. Handsome purple bloom in May. Sun. Drain.

2-year .....\$1.00 each, 10 \$8.00

**AMPELOPSIS brevipedunculata** (heterophylla). Vigorous vine. Zone IV. Showy bright blue berries, Sept.-Oct. Called "Porcelain Ampelopsis." This is an excellent vine. Tolerant.

2-year .....\$1.35 each, 5 for \$5.00

3-year .....\$1.75 each, 5 for \$7.50

- **quinquefolia**. See Parthenocissus.

- **tricuspidata**. See Parthenocissus.

**ARISTOLOCHIA durior** (Sipho) (Dutchman's Pipe). Vine to 30 ft. Odd, large yellow and brown flowers in May. Large leaves. Vigorous. Tolerant. Zone IV.

2-year grafts \$2.75 each, 5 for \$11.00

## BIGNONIA (now Campsis)

**CAMPISIS radicans** (Trumpet Vine). 60 ft. Vine. Zone V. Scarlet flowers, July to Sept. Prefers humus. Trained on a post, covers it quickly and seems like a small tree.

12 in. S .....25 for \$3.00, 100 \$9.00

2-year .....\$85 each, 5 \$2.75

3-year .....\$1.00 each, 5 for \$4.00

- **Mme. Galen**. Orange and apricot.

2 year old .....\$5.00 each postpaid

**CELASTRUS scandens** (American Bittersweet). 20 ft. Zone IV. Similar, but more dwarf. Easily grown. Note—only females bear berries. Plant several together to be sure.

12 in. S .....25 for \$3.00, 100 \$9.00

3-year .....\$1.25 each, 10 \$8.50

- **Orbiculatus** (Oriental Bittersweet). 30 ft. Vine. Zone V. Brilliant red and yellow fruit in autumn. Vigorous.

12 in. S .....25 for \$3.00, 100 \$9.50

3-year .....\$1.25 each, 10 \$8.50

**CLEMATIS Hybrids**. 8 ft. Zone V. Bloom July and August. Light loam, manure, drain. Sun. Prune little.

- **henryi**. Showy white.

- **jackmani**. Popular rich violet.

- **Mme. Andre**. Wine red.

2-year .....\$1.65, any 3 for \$4.50

- **paniculata** (Sweet Autumn Clematis). 25 ft. Zone V. Woody and vigorous. Fragrant white, Sept.-Oct. Free from pests.

3-year .....\$1.35 each, 10 \$9.50

**EUONYMUS fortunei radicans** (Winter-creeper). 20 ft. Vine, self-clinging. Zone V. Evergreen. Dainty clean leaves.

12-15 in. ...\$1.80 each, 10 for \$15.00

- **coloratus**. Rosy-purple leaves.

\* 6-12 in. X .....5 for \$2.50, 100 \$40.00

18-24 in. ...\$2.25 each, 10 for \$18.50

- **kewensis**. Tiny dwarf vine.

Pots .....\$1.50 each, 10 for \$10.00

- **vegetus**. Large leaves, vigorous bush. A few climbing leaders. Orange fruit.

8-12 in. ....25 for \$13.50

15-18 in. ...\$2.25 each, 10 for \$20.00

**HEDERA helix** (English Ivy). 60 ft. Vine. Apt to discolor in winter north of (V) though hardy. Self-clinging. Any soil.

3 in. pots .....5 \$4.50, 100 \$70.00

- **baltica** (Baltic). Smaller leaf. Fully hardy in Zone V. The best.

2 1/4 in. pots ..25 for \$7.50, 100 \$24.00

3 in. pots .....5 for \$4.75, 100 \$75.00

**JASMINUM stephanense** (Hybrid Jasmine). 20 ft. Vine. Zone VI. Pink, fragrant, May.

12-18 in. ....5 for \$3.50, 100 \$50.00

- **nudiflorum** (Winter Jasmine). 15 ft. Zone V. Bright yellow, Feb. to April. Tolerant.

12-18 in. X .....5 for \$3.50, 100 \$50.00

**HYDRANGEA petiolaris** (Climbing Hydrangea). 35 ft. Vine. Zone III. Self-climbing. Handsome white show in June.

Pots .....2 for \$4.75, 10 \$20.00

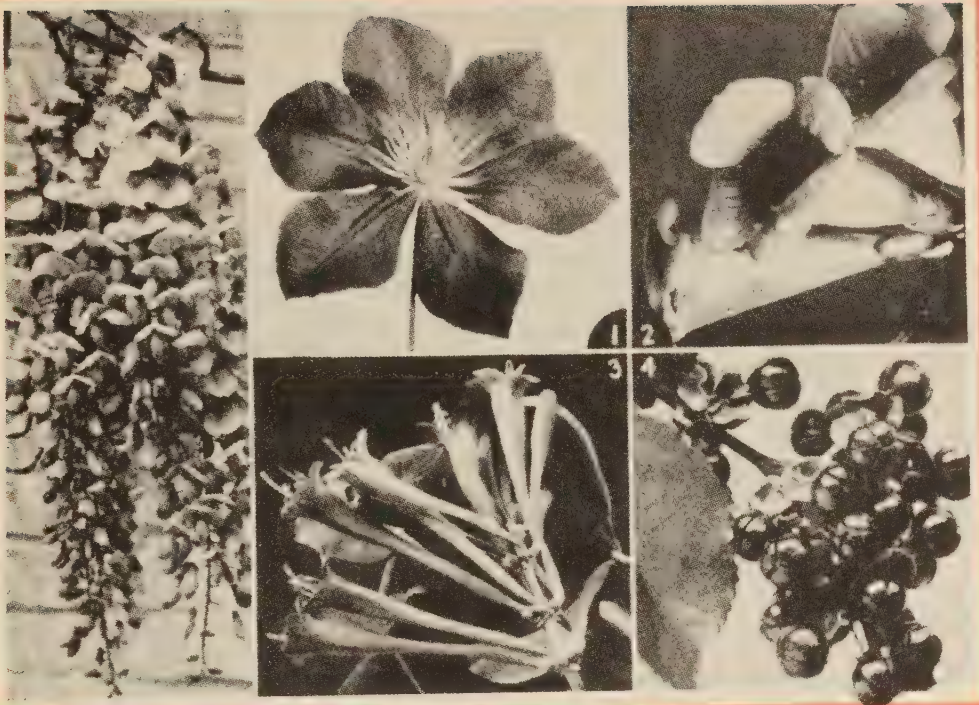
## VINCA (The Myrtle)



baltica

Hardy English Ivy

English Ivy



Wisteria  
Blooms

1. Clematis Jackmani  
3. Lonicera sempervirens

2. Campsis radicans  
4. Celastrus scandens

**LONICERA heckrotti** (Everblooming Honeysuckle). Dwarf vine. Zone V. Yellow and purple to Sept. Can be pruned to a shrub form.

2-year .....\$1.50 each, 5 \$6.00

— **goldflame**. Color yellow and red, very showy form.

2-year., No. 1 .....\$1.25 each, 5 \$5.00

— **japonica halliana** (Japan Honeysuckle). 20 ft. Zone V. Quick cover for walls or ground. Fragrant, yellow, June.

\* 12' in. X.....25 \$6.50, 100 \$18.00  
3-year .....5 for \$3.00, 100 40.00

— **sempervirens** (Trumpet Honeysuckle). 30 ft. Vine. Zone V. Semi-evergreen. Scarlet trumpets all summer long.

\* 1-year light .....25 \$3.00, 100 \$9.00  
3-year .....\$1.25 each, 5 for \$5.00

— **magnifica**. Color of the trumpets more orange. Much freer to bloom. Fine.

2-year .....\$1.50 each, 5 \$6.00

**LYCIUM chinense** (Matrimony Vine). 12 ft. Sprawling shrub or vine. Zone V. Purple flower all summer; scarlet fruit

2 to 3 ft. ....\$9.5 each, 10 \$7.00  
4 to 5 ft. ....\$1.50 each, 10 \$12.00

**PACHYSANDRA terminalis**. Described on Page 17.

Rooted cuttings .....100 for \$9.00  
Field grown..25 for \$4.50, 100 \$13.50

**PARTHENOCISSUS quinquefolia** (Virginia Creeper). Vine. 30 ft. Zone V. Vigorous. Fall color.

12 in. S. ....25 \$5.00, 100 \$15.00  
3-year ....\$1.00, 10 \$7.00, 100 \$50.00

— **engelmanni** (Englemann Ivy). The same with smaller leaves.

3-year ....\$1.00, 10 \$7.00, 100 \$50.00

— **tricuspidata** (Boston Ivy). Vine. 40 ft. Zone V. The most popular. Self-clinging. Dense. Fall color.

2-year ....\$1.00, 10 \$7.50, 100 \$60.00

— **lowi**. A neater, smaller leaf, denser growth. Very fine.

3-in. pots .....\$1.35 each, 10 \$8.50

**POLYGONUM auberti** (Silver Lace Vine). 25 ft. Zone V. Amazingly fast grower. Covered with white bloom Sept. and October. Tolerant. Prune back to live wood each spring.

2-year .....\$1.25 each, 5 \$5.00

\*=small, unformed plants. S=seedlings.  
X = transplanted. Unmarked = well-grown, shapely plants.

**SCHIZOPHRAGMA Hydrangeoides** (Climbing Hydrangea). Rare vine. Zone V. Self-clinging. July, large showy white. Fragrant.

Large pots ...\$3.00 each, 5 for \$12.50

**VINCA minor** (Myrtle). Prostrate. Zone V. Evergreen ground cover with pretty violet-blue flowers in May.

Strong clumps ...25 \$4.50, 100 \$13.00

— **alba**. White flowers.

2 1/4 in. pots ....5 for \$3.00, 100 \$45.00

— **alpina** (Mountain Periwinkle). Blue. 2 1/4 in. pots ....5 for \$2.50, 100 \$35.00

— **variegata**. White and green leaf.

2 1/4 in. pots ....5 for \$2.50, 100 \$35.00

— **bowle's**. Neater growth, larger, bluer flowers all summer.

2 1/4 in. pots ....5 for \$2.50, 100 \$35.00

**VITIS** (Grape). Handsome vines. Zone V.

— **Aestivalis** (Summer Grape). Sept.  
— **Cordifolia** (Frost Grape). Oct.

Prices on above 2 grapes  
12 to 18 in. ..10 for \$2.50, 100 \$20.00

**WISTERIA floribunda** (multijuga). (Long-cluster Wisteria). 25 ft. Zone V. Fragrant purple long clusters, May and June. Humus, drain, sun.

2-year .....\$1.40 each, 5 for \$5.50

— **praecox**. Dwarfier, blue. Very young to bloom. Showy. Grafted plants.

4-in. pots ....\$3.00 each, 5 for \$10.00

— **Blue**. Long clusters, vigorous.

4-in. pots....\$3.00 each, 5 for \$10.00

— **Royal Purple**. Very long clusters.

4-in. pots ....\$3.00 each, 5 for \$10.00

— **sinensis** (Chinese Wisteria). 30 ft. Zone V. Short, compact, violet in May. Fragrant. Sun, drain.

2-year .....\$1.40 each, 5 for \$5.50

— **alba** (White Chinese Wisteria). A good white form.

2-year .....\$1.40 each, 5 for \$5.50

# Roses

This family of shrubs is very large. It includes not only the everblooming hybrid teas, but also hardy vigorous shrub species that require almost no care at all. The care of garden roses in general is to keep the hybrid teas low-pruned, extra well fed with manure, in clean cultivated beds, spaced about 18 inches apart. Climbers require no such attention, but are improved by extra feeding certainly. Floribundas and polyanthas also need little care to live and bloom, but if weeded and fed are much handsomer.

Pruning is largely a matter of taste. It may be done at any time and in any manner that pleases you. Generally speaking, a little shade makes better blooms than full summer sun.

## ROSA (Rose Species)

Hardy, tolerant shrubs, for the most part. Require some sunshine. Provide bird food.

*Rosa carolina* (see "Humilis").

—*humilis* (Pasture Rose). Dwarf. Zone IV. Pink, June-July.

	(each)	(10)	(100)
18 to 24 in.....	1.20	10.00	85.00
2 to 3 ft.....	1.45	12.00	100.00

—*lucida* (Virginia Rose). Shrub. Zone II. Pink, June-July.

18 to 24 in.....	1.20	10.00	85.00
2 to 3 ft.....	1.45	12.00	100.00

—*multiflora* (see page 9).

—*nitida* (Bristly Rose). Shrub. Zone IV. Pink in May.

2 to 3 ft.....	1.45	12.00	100.00
----------------	------	-------	--------

—*palustris* (Swamp Rose). Shrub. Zone IV. Pink, July-Aug.

2 to 3 ft.....	1.45	12.00	100.00
----------------	------	-------	--------

—*rubiginosa* (*Eglanteria*) (Sweet Briar). Shrub. Zone IV. Pink, June.

2 year S.....	—	—	20.00
2 to 3 ft.....	1.20	10.00	85.00
3 to 4 ft.....	1.45	12.00	100.00

—*rugosa* (Red Rugosa Rose). 6 ft. Zone II. Red. All summer.

12 to 18 in (1 yr) —	—	—	20.00
18 to 24 in.....	1.20	10.00	85.00
3 to 4 ft.....	1.50	13.50	110.00

—*alba*—(White form of above.)

18 to 24 in.....	1.20	10.00	85.00
2 to 3 ft.....	1.45	12.00	100.00

—*F.J. Grootendorst*. Double red form.

18 to 24 in.....	1.20	10.00	85.00
2 to 3 ft.....	1.45	12.00	100.00

—*setigera* (Prairie Rose). Shrub. Zone IV. Pink mid-summer.

3 to 4 ft.....	1.20	10.00	85.00
----------------	------	-------	-------

—*wichuriana* (see page 17).

Brownell  
Creeper  
Roses.

next page.



## HYBRID TEA ROSE

2 year No. 1...\$1.65 each, 10 for \$15.00

Betty Uprichard — pink  
Cynthia — light red  
Etoile de Holland—dark, velvety red  
F.K. Druschki — snowy white  
Golden Sestago — golden yellow  
Grenoble — Scarlet crimson  
K. A. Victoria — Snowy white  
Los Angeles — salmon and orange  
McGreedy's scarlet — scarlet  
McGreedy's yellow—buttercup yellow  
Miss Rowena Thom—pink, gold base  
Mme. Joseph Peraud — shell pink  
Pink Dawn — rose pink  
Pink Radiance — fragrant pink  
Poinsetta — bright scarlet  
Pres. H. Hoover—maroon, orange, gold  
Souer Therese — rich yellow

## HYBRID CLIMBERS

Lusty, tolerant vines. Zone V. Bloom in June. \$1.35 each, 10 for \$12.50.

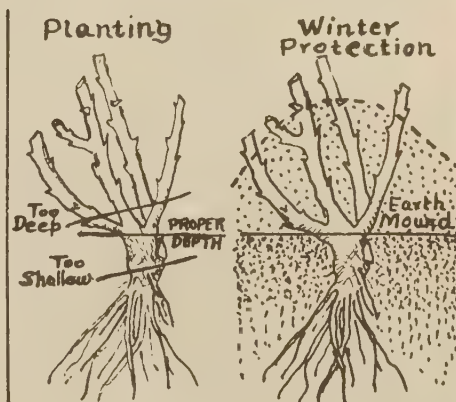
Climb. American Beauty — rich red  
Dr. Van Fleet — pink, mildew free  
Island Queen — pink, pointed buds  
Paul Scarlet — scarlet, clusters  
Primrose — canary yellow  
Blaze — scarlet crimson

## POLYANTHAS

Dwarf, semi-climbers or trailers. Need sun. Space 18 inches. Bloom all summer. \$1.45 each, 10 for \$13.50.

Elsie Poulsen — double, large, profuse, long-blooming. Bright rose.  
Ideal — medium size, double. Showy crimson, extra hardy.

You get big handsome roses  
if you plant them right.



## Sub-Zero Roses

PRICES: All types, except as noted,  
3 for \$5.00; \$18.00 per doz.

**\$1.75 each**



### Best Brownell Hybrid Teas

Bloom all summer long on hardier, longer-lived bushes. They have many more flowers than ordinary teas. If you want, you can get 10 or more on a stem; or you can disbud for single large blooms on long stems.

**Shades of Autumn.** Showy red and yellow beauty.

★ **Pink Princess.** Bud red, flower deep pink. Free from premature defoliation. Blooms all summer.

**V for Victory.** Large, double, yellow, fragrant, profuse.

**Velvetier.** Velvety, deep, dark red. Sometimes in clusters.

**Lily Pons.** Cream, large. Vigorous, free bloomer.

**Curly Pink.** Clusters of large two-toned pink all summer. Vigor, health, and constancy. New.

★ **Orange Ruffels.** Sensational new color in roses. Glowing, soft luminous. Very steady bloomer all summer. Large flowers.

★ **Red Duchess.** Robust sturdy large red. Outstanding fragrance. Grand new rose. Brilliant, attractive, free to flower. This fine new red has attracted instant friends wherever seen in the past year. All the color and size you could want but extra hardy!

★ **Treasure Gold.** Vivid yellow, with occasional red splashes. Extra good foliage. **SOLD OUT.**

★ **Dolly Darling.** Pink, sunset and rose blend. Extra vigor and health. New.

**Queen o' the Lakes.** Sensational large crimson. New.

**Dick Wilcox.** Deep red, magnificent vigor and size. New.

**Tip Toes.** Spicy fragrance. Orange and pink blend. New.

The result of more than a decade of research, this new race of roses adds to unusual hardiness a character of improving with age, rather than slowly deteriorating as most hybrid teas do. They are exceptionally easy to grow and bring into bloom. Disease-resistant. **HARDINESS:** About Zone IV, but roots will survive still colder climates and even if tops damaged, new growth will be ready to bloom by rose time. Tops protected by hilling or burlap seldom kill back. Any plant that fails to bloom in 2 years will be replaced free anywhere in U.S.A.

### ★NO MORE BLACK SPOT!

Absolute resistance to this dread disease has been bred into four of these roses:

~~Treasure Gold~~

Pink Princess

Dolly Darling

Orange Ruffels

Red Duchess

Lafter

One each

**5 Kinds  
Available**

**\$9.00 postpaid**

The only six such roses in existence. More coming.

### 4 Brownell Floribundas

Everblooming, hardy, bushy clumps

**Tompkins Red.** Semi-double, velvet red all summer.

**Anne Vanderbilt.** Exquisite coppery orange, informal, semi-double, brilliant, fragrant. All summer.

★ **Lafter.** Sparkling orange and yellow, semi-double clusters.

**Nearly Wild.** Larger than most wild roses, single pink flowers in clusters. Gives beautiful color all summer.

### 4 Brownell Creepers

For ground cover, on walls, on fences.

**Coral Creeper.** All the shades of ocean coral complementing other delightful rose tints. (June).

**Little Compton Creeper.** Deep rose-pink, Single flowers in clusters.

**Creeping Everbloom.** Light crimson, The first all-summer creeper.

**Magic Carpet.** Large, double blooms, yellow and orange tones.

### 5 Brownell Climbers

Vigorous, extra hardy, vivid. Note two ever-blooming.

**Elegance.** Very large, perfect bloom. White with shaded yellow center. Grand show.

**Golden Climber (Mrs. A. C. James).** Best yellow climber. Fragrant. Ideal for cutting.

**Copper Glow.** Deep coppery orange. Delightful spicy fragrance. Sensational color.

### SPECIAL-PRICED ROSES

(sold singly, only)

**Climbing Break O'Day.** Vigorous, everblooming apricot. \$2.00 each.

**Orange Everglow.** Constant copper-orange blooms. Fragrant, vigorous. \$2.00 each.

## SELF-STERILITY OF FRUITS

Many fruits do not bear good crops if planted separately. Pollen from nearby trees of different variety is often needed. Noted on these pages by:

●—self-unfruitful. Do not plant by itself, but always with another variety of the same fruit.

(P)—good pollinizer.

# FRUITS

## PLANTING DISTANCES

Apple, Standard....30 by 30 ft.  
Apple, Dwarf.....10 by 10 ft.  
Cherry.....25 by 25 ft.  
Peach or Plum.....20 by 20 ft.  
Peach, Plum, Dwarf 10 by 10 ft.  
Pear, Standard.....25 by 25 ft.  
Pear, Dwarf.....10 by 10 ft.  
Apricot.....16 by 16 ft.  
Blackberry.....2 ft. by 6 to 8 ft.  
Raspberry.....2 ft. by 3 to 4 ft.  
Grape.....8 by 10 ft.  
Blueberry.....4 by 6 ft.

For the most part they need some care; those most labor-saving include: Crab-apples, Bush-cherry, Blueberry, Blackberry, nut trees and the dwarfed fruits rather than the standard trees. An orchard so planned can be less than half as much work and expense as an unplanned orchard.

## HERBS

Any one kind separately:—  
3 for \$1.30 postpaid  
6 for \$2.25 postpaid

Most herbs are easy to grow in average soil, well drained and in full sun.

Dried commercial flavors are sadly inferior in quality to fresh leaves picked as needed.

**Bergamot** (*Monarda didyma*). 3 ft. Sun or shade. Fragrant leaves. Showy "Cambridge Scarlet" form.

**Lavender** (*Lavandula veris*). 18 in. Fragrant leaf and flower. Gather flower spikes when buds open.

**Rosemary** (*Rosmarinus officinalis*). Must winter indoors except in south. Narrow spicy leaf, delicious.

**Tarragon** (*Artemisia dracunculus*). 2 ft. Narrow glossy leaf, aromatic.

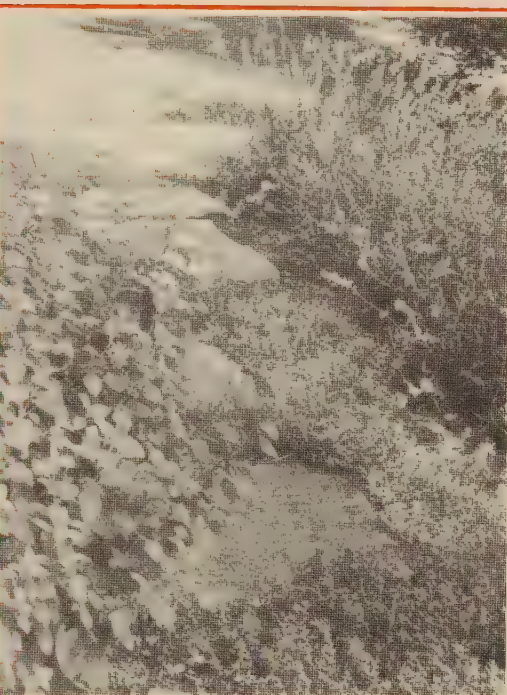
**Germander** (*Teucrium chamaedrys*). 1 ft. Rosy bloom, dark shiny thick-set leaves. An excellent clipped dwarf hedge. Tolerant.

**Heliotrope** (*Valeriana officinalis*). 4 ft. Tolerant. Showy fragrant rose bloom in June—July.

**Sage** (*Salvia officinalis*). 2 ft. Sun. gray leaf, purple flower.

**Hyssop** (*officinalis*) 15 in. Sun. spikes of mixed colors. Aromatic.

**Thyme assorted, Stepping-Stone Collection:** Four kinds suited to growing between flags; spice the air, yet do not suffer from trampling: White Creeping Thyme, Crimson Thyme, Silver Thyme, Golden Thyme  
3 each, 12 plants for \$5.50 (ppd.)  
12 each, 48 plants for \$18.00 (ppd.)



**Kitchen Herb Collection:** 3 each of seven kinds: Chives, Peppermint, Sweet Marjoram, Rosemary, Tarragon, Sage, and Thyme, 21 plants in all, for \$9.50 postpaid.

## BerryBushes

**RED RASPBERRIES**  
(*Rubus Strigosus*) Zone I  
(Each) (10) (100)

**Latham.** Old variety, very dependable ..... \$.60 \$2.75 \$15.00

**St. Régis.** Crops spring and autumn ..... .60 2.75 16.00

**BLACKBERRIES**  
(*R. Species*) Zone III  
(Each) (10) (100)

**Alfred.** Large, upright and dependable ..... \$.55 \$2.50 \$12.50

**Eldorado.** The standard variety ..... .55 2.50 11.50

**Crystal White.** White Blackberry Novelty, good..... .60 2.75 14.00

**BLACK RASPBERRY**  
(*R. occidentalis*)

**Black Beauty.** Most dependable "blackcap."  
Zone III ..... .55 2.50 12.50

**PURPLE RASPBERRY**  
(*R. neglectus*)

**Sodus.** Heaviest bearer of all raspberries ..... .60 2.75 14.00

**WINEBERRY** (*R. phoenicolasius*). Z. V. Juicy, red, fragrant. Fruit in large clusters. Absolutely laborless. Bears on both old and new wood—so might fruit next summer! Unique.  
1 year ..... .75 3.50 18.00



**Wineberry—Unusual, juicy**

### NECTARBERRY

Hugest and tastiest of all the new hybrids. Heavier yields over a longer period. The best. Zone VI.

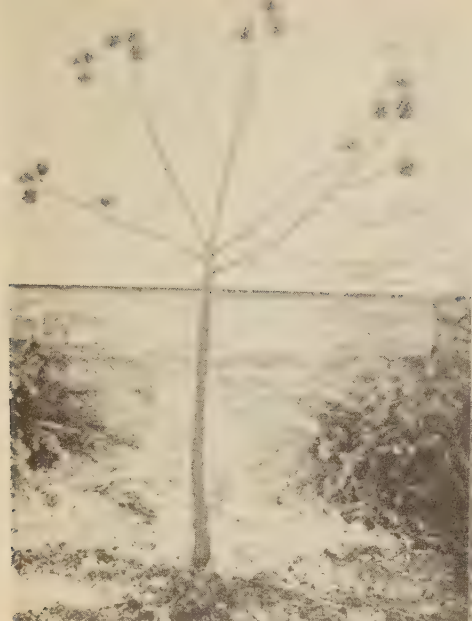
1 year ..... .60 2.75 13.00

### THORNLESS BOYSENBERRY

Huge, 2 in berry, highest quality of all brambles. Prolific. No better berry known. Zone VI.

1 year ..... .60 2.75 13.00

# Hardy Nut-Trees



**Chinese Chestnut**  
3 ft.  
54 chestnuts  
on a baby  
tree!  
3 nuts in  
each bur



**Thomas Walnut**—bearing branch and nut

## PLANTING and CARE

The first two years mulch well with hay or straw. Water if drought comes. Keep all side buds from developing in useless low branches (below 7 feet). Do not plant deeper than they were in nursery. Plant like any deciduous trees (see page 36).

## BLACK WALNUTS-ZONE IV

One of our most beautiful native trees, growing well in any fertile well drained soil. The grafted sorts bear their first nuts commonly in the third to fifth year.

**Thomas** is a rapid-growing tree. The meat is attractive and tasty. falls out easily in halves.

4 to 5 feet.....\$6.00 each, 5 for \$25.00

## BLIGHT-RESISTANT CHESTNUTS

**Chinese Chestnut** (*Castanea mollissima*). Similar to the dying American, of fine flavor, and sweet. It is inured to the Chestnut blight. Lives and bears Zone V.

12 to 18 inches.....10 for \$7.50, 100 for \$45.00

2 to 3 feet.....3 for \$6.00, 25 for \$35.00

## HAZELNUTS

Plant at least two for pollenizing.

**American.** 9 ft. shrub. Zone IV: Tolerant, disease-free, excellent nuts.

3 to 4 feet.....\$2.00, 5 for \$7.75

**European.** (*avellana*). 15 ft. Zone III. Even hardier, and larger nut.

3 to 4 feet.....\$2.00, 5 for \$7.75

## UNUSUAL FRUITS

## Native Americans

### Highbush Cranberries

Large fruited, heavy-yielding type of *Viburnum trilobum*—high in pectin, Zone I. Make sauce or jelly, same as with cranberries, but strain to keep out pits.

(each) (10) (100)  
2 feet.....\$1.50 \$8.50 \$80.00

### Adams Elderberry

The large berries and extra fruit clusters are a decided improvement for pies jam and wine. Zone IV.

2 feet.....\$1.25 each, 10 for \$8.00

### New American Mulberry

Ever-bearing, from June until September. Large, refreshing berries without the mawkish sweetness of most varieties. Zone IV.

4-5 ft. trees...\$3.00 ea., 10 for \$25.00

### Beach Plum

*Prunus maritima* grows 6 to 8 ft. high, hardy into Zone III. Thrives in gardens better than on sea-shores. Good drainage. Fine, useful plums.

2-3 ft.....\$1.75 each, 10 for \$15.00

### Dwarf Juneberry

*Amelanchier* berries are known as "Bilberries" or "Service-berries". Dark red fruit in July. This form grows to 8 ft., Hardy Zone II.

(each) (10)  
12 to 18 inch (2 yr.).....\$1.00 \$7.00

### Persimmon

*Diospyros virginiana* makes a 20 foot tree, moist soil, Zone VI. Fruit late fall, like figs.

3 to 4 ft. trees..\$4.00 ea., 5 for \$16.00



### Hansen Bush-Cherry

Five-foot shrub, covered with dark red cherries the size of plums. White blooms in May. Silvery leaves turn gold and flame in autumn. Bears 4th year. Zone III.

(3) (10)  
1½ to 2 ft. ....\$3.50 \$8.00

# Dwarf Fruits

A tree whose fruit is as large or larger than ordinary, but which never grows very tall—perhaps ultimately 12 to 15 feet. Space 12 feet apart.

A dwarfed tree can be sprayed, pruned and picked by hand without ladders, equipment or professional skill. It bears much earlier in life, in its third or fourth year at latest—often earlier—and carries amazing loads of fruit. Dwarfed fruits (especially Plums and Peach) are less liable to borers and other pests.

**PRICES:** All kinds listed below:

1 year—Not branched .....	\$2.60	{ Add 50c packing on orders under \$10 }
2 year—Branched .....	3.90	
3 year—Heavier .....	5.25	

All three ages are about the same height. Most are 3 to 4 feet high, but apples often are still dwarfer.

## DWARF FRUITS BEAR USEFUL QUANTITIES

Every single kind offered on these pages is suitable throughout Northeast America, as far north as hardy.

Dwarf fruits are not short-lived, but thrive and produce a generation or more. A space 25 ft. square will hold 4 dwarfs instead of one standard, and the 4 will bear about  $\frac{1}{3}$  more fruit than will one standard tree—and will do it 2 to 4 years quicker!

## Kinds of Dwarfs Available

### APPLES

Cortland  
Cox's Orange  
Duchess  
Oldenburg  
Fameuse (Snow)  
Gravenstein  
Jonathan  
Northern Spy  
Red Astrakhan  
Red Delicious  
Red McIntosh  
R. I. Greening  
Redwin Spy  
Rome Beauty  
Stayman Winesap  
Spitzenberg  
Wealthy  
Yellow Delicious  
Yellow  
Transparent

### NECTARINE

Boston  
Hunter  
Sure Crop  
Red Roman

**Root Stocks:** Apples on Malling types: certain kinds on 1, 2, 3 or 7 for reasons based on long experience.

Also, apples are available on Malling 9—Extra Dwarf, not over 6 ft. Specify if No. 9 desired.

Pears are on Quince, Plums on St. Julien; other fruits on Almond.

### QUINCE

Orange  
Champion

### PEACHES

Belle of Georgia  
Crawford  
Eclipse  
Elberta  
Golden Jubilee  
J. H. Hale  
Hiley  
Red Bird  
Rochester  
Valiant

### APRICOT

Alexander  
Early Golden  
Moorpark  
Perfection  
Riland

### PLUMS

Abundance  
Burbank  
Damsen  
German Prune  
Italian Prune  
Red June  
Reine Claude  
Stanley Prune

### PEARS

Bartlett  
Beurre Bosc  
Clapp's Favorite  
Comice (Riviera)  
Duchess  
d'Angouleme  
Duchess Merode  
Easter  
Flemish Beauty  
Gorham  
Kieffer  
Seckel  
Sheldon  
Wm. Nevis

### SWEET CHERRIES

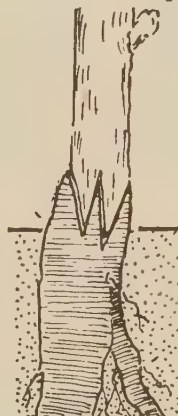
Bing  
Black Tartarian  
Lambert  
Royal Anne  
Windsor



**Dwarf McIntosh Apple**

**Planting Depth** should be so that the graft is just above the ground, or an inch above. If too deep the scion develops its own roots and tree is no longer dwarf. If too high, rootstock suckers.

**Staking** is usual, as dwarfs are weak at the graft. We use extra strong W-graft, so stakes can be removed about 5th year.



**Drainage.** Air among the roots is essential; enables a tree to use food. Drainage must always be good in an orchard.

**Pruning.** The more leaves left on a tree, the likelier it is to bear next year. But let no parallel branches lie closer than a foot apart, and remove chafing branches.

**Watering.** The supply of water determines growth and fruitfulness—particularly in summer. Artificial watering is all right, so a meager water-supply can be eked out by cultivation or mulching.

**Fertilizing.** Overfeeding prevents flowers (hence fruit) by forcing all buds to be leaf buds. Feed just enough for health.



# Standard Fruit Trees

You may use the low 10 rates if your assorted order totals 10 of these fruit trees.

(Zone IV)—**APPLES**. ...2-yr. 5 ft. 11/16 in.

(Zone V)—**SWEET CHERRIES**

2-yr. 5 ft. 11/16 in.

(Zone IV)—**SOUR CHERRIES**

2-yr. 4 ft. 11/16 in.

(Zone IV)—**CRABS**. ... 2-yr. 5 ft. 11/16 in.

(Zone V)—**PEACHES** 1-yr. 4-5 ft. 9/16 in.

(Zone IV)—**PEARS** ... 2-yr. 5-6 ft.

(Zone III)—**PLUMS** ... 2-yr. 5-6 ft.

## PRICES

(1 to 9) each	(10 to 49) each	(50) each
\$1.85	\$1.55	\$1.10
2.45	1.95	1.50
2.35	1.80	1.20
1.85	1.55	1.10
1.45	1.20	.90
1.95	1.60	1.10
1.95	1.60	1.10

## PEARS

(*Pyrus communis*)

Bears 6th year. Space 20 ft.

- **Bartlett**. Large, rich, juicy, golden. Young bearer. Canning, eating.
- **Beurre Bosc**. Very large, rich, juicy. Late Sept.-Nov. Few wind-falls. Eating.
- **Duchess d'Angouleme**. Extra large, greenish yellow, spotted. Excellent. Long-lived. Young bearer.
- **Clapp Favorite**. (P) Fruit large, pale, fine-grained, juicy. August.
- **Seckel**. Small, attractive. Blight-resistant. Sept.-Oct. Eating, pickles.

## PLUMS (*Prunus*)

Bear 5th year. Spaces 20 ft. Trifloras and European varieties do not cross-pollinate.

### TRIFLORAS (*P. Salicina*)

- **Abundance**. Red, medium sized. Flesh yellow, juicy. Vigorous, productive. Aug.
- **Burbank**. Red, medium sized. Flesh yellow, very juicy. Late Aug.

### DAMSONS (*P. Insititia*)

- **Shropshire Damson**. Small, purple, best for jams. Productive. Sept.

### EUROPEAN (*P. domestica*)

- **German Prune**. Large dark blue. Aug.
- **Lombard**. Medium-size, juicy, dark red. A hardy, prolific bearer. Sept.
- **Reine Claude** (Bavay's Green Gage). Large, yellow. Late Sept.
- **Stanley**. Large dark blue prune. Annual bearer. Late Sept.

## CHERRIES (*Prunus*)

### SOUR (*P. avium*)

Bear 3rd year. Space 18 ft.

- **Early Richmond**. Clear red, medium sized. June. One of the best.
- **Montmorency**. Largest, firm flesh. Disease resistant. Finest quality June.

### SWEET (*P. cerasus*)

Bear 5th year. Space 20 ft.

- **Black Tartarian**. (P—best.) Purplish black. Juicy, rich flavor. June
- **Governor Wood**. (P) Yellow or light red, medium sized, sweet, juicy June.
- **Yellow Spanish**. Large, yellow. Desirable for maraschino. Late June

## PEACH (*Prunus persica*)

Bear 3rd year. Space 16 ft.

### All are Freestone.

- **Belle of Georgia**. White, rich flavor. Vigorous, productive. Sept. Extra hardy.
- **Carman**. Large white. Fine flavor, quite juicy. Aug. Extra hardy.
- **Champion**. White, firm, sweet, juicy, thin-skinned. Extra hardy. Eating, cooking, canning. Sept.
- **Early Crawford**. Medium sized yellow. Juicy, high flavor. Aug.
- **Elberta**. Yellow. Fruit large, firm, and excellent for canning. Sept. 15.
- **Golden Jubilee**. Yellow. Aug. Extra hardy. Juicy, sweet, yellow flesh.
- **J. H. Hale**. Yellow, large, firm. Not vigorous but very delicious. Sept.
- **Late Crawford**. Yellow. Late Sept.
- **Mikado**. Popular, yellow. Aug.
- **Rochester**. Delicious, large yellow. Prolific bearer. Late August.
- **Valiant**. Yellow, extra hardy. Late August. Large, good fruit.

## APPLES (*Malus pumila*)

Bear 7th year. Space 25 ft.

### EARLY SUMMER

- **Yellow Transparent**. Golden, juicy. Young biennial bearer. Cooking.
- **Lodi**. Larger, better quality. Young annual bearer. Eating. Cooking.

### SUMMER APPLES

- **Red Astrachan**. (P) Large striped red. Young biennial bearer. Eating, cooking.
- **Early McIntosh**. (P—best for Northern Spy.) Like McIntosh. Biennial bearer. Eating, cooking, baking.

### AUTUMN APPLES

- **Gravenstein**. Large striped red. Good quality. Eating and cooking.
- **Fall Pippin**. Striped red, medium sized. Annual bearer. Eating, cooking.
- **King**. Large, crisp, juicy. Light annual bearer. Eating, cooking.
- **McIntosh**. (P) Striped; delicate, aromatic flesh. Young annual bearer. Eating, cooking, baking.
- **Red McIntosh**. (P) Solid red form.
- **Wealthy**. (P) Striped red, wonderful flavor, juicy. Young annual bearer. Eating, cooking, baking.

### WINTER APPLES

- **Baldwin**. Large, red, hardy, good quality. Biennial bearer. Eating, cooking.
- **Cortland**. (P—best for McIntosh.) Larger, late keeping McIntosh. Annual bearer. Eating, cooking.
- **Delicious**. (P) Crimson. Crisp, tender, juicy. Annual bearer. Eating.
- **Golden Delicious**. Large, yellow. Marvelous flavor. Young annual bearer. Eating, cooking.
- **Golden Russet**. Highest quality cider-apple, or for spring eating, baking.
- **Northern Spy**. (P—for all but McIntosh). Large red, striped, high flavor. Annual bearer. Eating, cooking.
- **Red Delicious**. (P) Solid red strain.
- **Rhode Island Greening**. Large green-yellow. Annual. Eating.

### CRAB APPLES

- **Hyslop**. Large, purplish red. Flesh yellow, pleasant. Biennial bearer.
- **Dolgo**. Handsome flowering crab. Makes ruby red juice. Sept.

### 5-in-1 APPLE

All on one tree. Golden Delicious, Red Delicious, Rome Beauty, Yellow Transparent, Stayman's Winesap. 5 ft. \$4.00.



● Needs a pollinator.  
See page 46

# Huge Hybrid Blueberries

Really beautiful as specimens or in hedges. Suited for use in small quantities in the small garden. A 100-foot hedge will pay about \$25 worth of berries a year! (Spaced 18 ins.)

## Why Wait? Plant Some NOW!

And enjoy the berries sooner. Not only will they add to your garden but each bush will pay for itself many times over! Hardy throughout U.S.A.

### BLUEBERRY PRICES: (Each) (10) (25) (100)

#### NAMED KINDS

2 yr., 6 to 12 in.....	.....	\$ 8.50	\$16.00	\$ 60.00
3 yr., 12 to 18 in.....	\$1.25	9.50	18.00	70.00
3 yr., 18 to 24 in.....	1.50	12.00	25.00	80.00
4 yr., 2 to 3 ft. bearing)....	2.00	15.00	30.00	100.00

#### MIXED:

18 to 24 in. (our selection).	.....	10.50	21.00	80.00
-------------------------------	-------	-------	-------	-------

**Cabot.** Early, broad spreading bush. Home use.

**Concord.** Hardy, upright, mid-season. Fine quality. Large.

**Jersey.** Latest and largest berry. Hardest.

**June.** Erect bush. Earliest, dark blue berries.

**Rancocas.** Early. good quality.

**Rubel.** Late. Tallest, most erect.

**Burlington.** Newest named kind. Later than all others. Good shipper. Large. Good quality.

**Pioneer.** Fairly early, low, bushy. Large berries in heavy clusters. Fine.

Set the plants in beds 4 feet apart each way. Several varieties should be included in every planting, as an exchange of pollen is necessary to produce good crops of berries. Or order "mixed" if you wish—we will assort for good pollenization. All varieties are almost equally fine.

A bush should produce 2 quarts (worth 75¢ wholesale). Planted 6 ft. apart (1200 to the acre) you could safely expect on good land a gross income of \$1200 a year.



**Look at this Bush!**

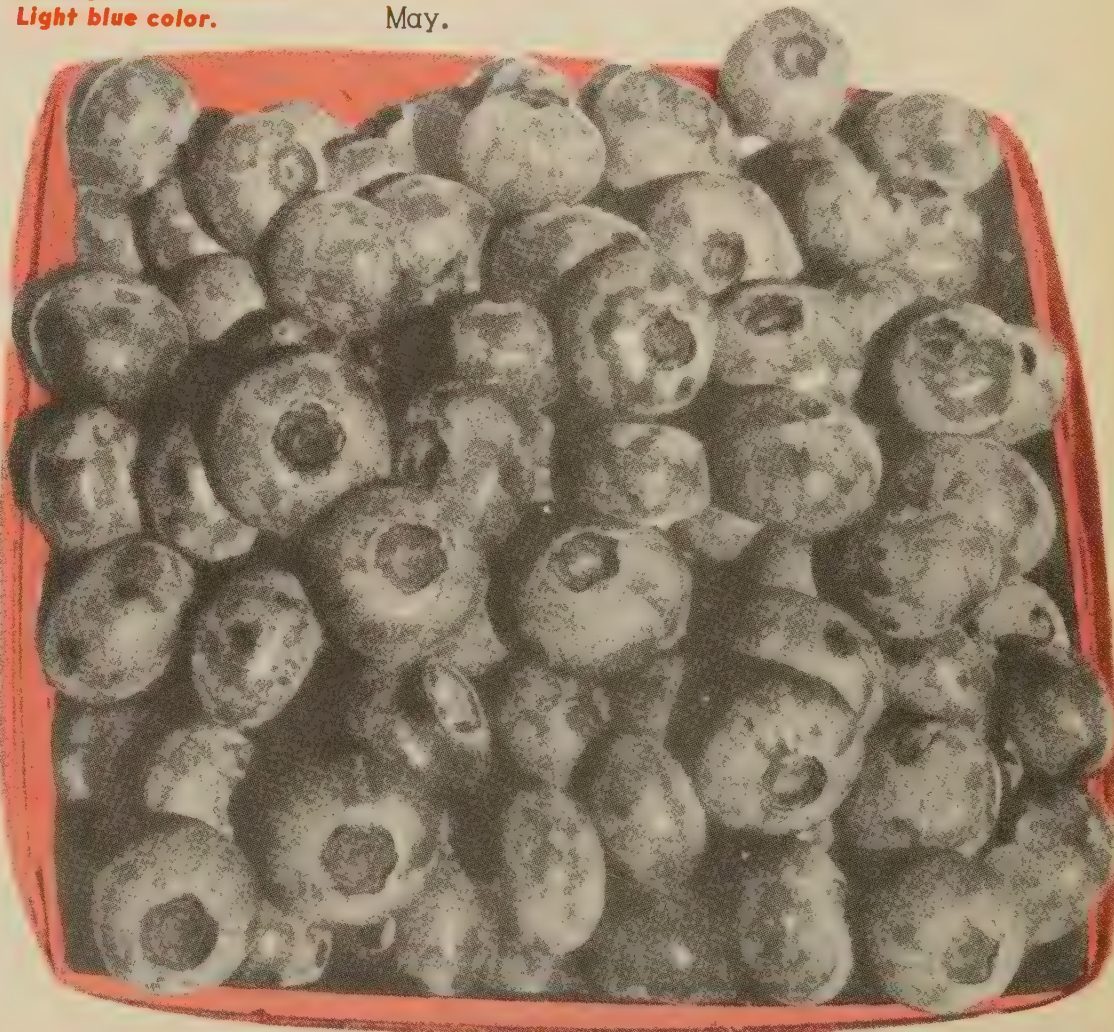
#### Needs only an acid soil

Blueberries require an acid soil containing peat or other rotted vegetable matter. They need a moderate supply of soil-moisture, and good drainage so that the roots can get air during the growing season.

#### Prune for Heavy Yield

You will get fruit if you just leave 'em alone. But more and larger if you cut out all old canes, and keep new shoots coming. Also when in bloom cut away about half each flower cluster. Fertilize in May.

**LOOK AT THESE BERRIES!**  
Photograph is life-size.  
Light blue color.



## Grape Vines (Vitis)

**Old Varieties.** Disease Free.  
Not less than 5 of one grape variety at 10 rate.  
Zone IV. (Each) (10)  
2-year .....\$ .60 \$4.50

**Concord.** Blue Strong flavor. Zone III.

● **Catawba.** Red, good wine.

● **Moore Early.** Large, early black.

● **Delaware.** Early, small red. Finest of older kinds in quality.

**Diamond.** Like Niagara; Zone IV.

**Fredonia.** The earliest black.

**Portland.** White and the earliest of all grapes. Healthy, fine.

# New Hybrid Grapes

It is astonishing how the public and majority of nurserymen are unaware of the tremendous progress that has been made during the last few decades in improving the grapes that will grow in the colder climates of this country.

Throughout North America grape vines are grown, but the grapes they yield have an unpleasant foxy flavor, tough skin, coarse seeds, and other inferior qualities that make them undesirable either as table or wine grapes.

The European Grape (*Vitis vinifera*) is far superior to our native grapes. This grape family evolved in the milder parts of Europe and Asia, whence they were brought to California where they produced the excellent grapes that are familiar to the average American. However, these have not the stamina to withstand sub-zero weather and succumb disastrously to diseases, while our hardy Native Grapes remain immune.

Breeders have produced varieties, that combine the best qualities of both species to produce the ideal grape vine: namely, resiliency to our cold climate; to diseases; and absence of all foxiness, as with the old Concord. These Hybrid Grapes possess a pleasant sweetness and a certain native fruitness, that makes them in many respects far superior to the California as either fine table or excellent wine grapes.

They lend themselves to Spur pruning. This quality simplifies the pruning and care of the vines and permits one to easily train them into permanent pleasing patterns. They can be grown even on a six foot pole, to produce from 10 to 30 pounds of luscious grapes. The clusters are of immense size, some of the varieties have as many as 150 big clusters the second year planted.



*No permanent canes needed; only a short trunk or shank. Grapes grow on new wood, which is pruned away each year.*

*Most kinds bear about Concord time. Bacco, Florence, Angele are perhaps two weeks earlier. Siebel 14 and Jacques Wolf, a week later.*

**STURDY, WELL ROOTED VINES Zone V**  
**2 Year No. 1 \$2.75 each postpaid**

**BACCO No. 1**—Fine strong growing plant, excellent for trellises, dark red, medium size berries, good wine and table grape.

**SEIBEL No. 1**—Black, long clusters, tart, fine for wine and jelly.

**SEIBEL No. 14**—Enormous big clusters, shouldered cluster, big berries, good table and wine grape.

**WESTCHESTER**—Roseat white, long clusters, very sweet, finest for table and wine, very abundant bearer, absolutely free of foxiness.

**MADELEINE**—White Muscat, big berries, long clusters, finest of table grapes.

**FLORENCE**—Pink, loose cluster, big berries, extremely sweet, very prolific, fine table grape.

**ANGELE**—Black medium berries, loose cluster, very sweet, absolutely vinefera, finest table grape.

**JACQUES WOLF**—Black grape. big cluster. fine for wine and jelly. Aestivalis X St. Jacques. Vinifera.

**SEIBEL No. 5860**—Good table and wine grape, white, good all around qualities.

**MARGUERITE**—Black grape, big cluster, good for table.

**ELLEN SCOTT**—Red, very sweet, fine table grape,

# MODERN HARDY HERBACEOUS PERENNIALS

On these five pages is packed more information and variety than in many a large perennial catalog. Strong, sturdy field-grown clumps are offered, except for kinds that do best in pots. Perennials are not shipped until late April and May as a rule, but **ORDER NOW**, we'll ship at the right time. Add 35c handling on perennial orders under \$2.50, otherwise all prices postpaid East of the Rockies.

**Frikarti Aster.** The finest garden plant introduced in the last 20 years. Mass of flowers June to November. Sun or light shade. Ht. 30 in., space 15 inches, Lavender blue. 3 for \$1.65, 6 for \$2.75.

**Fall Asters.** Tolerant, tall. Any one kind priced 3 for \$1.65, 6 for \$2.75.

**Climax**—lavender-blue

**Red Cloud**—clear rose-pink

**Mt. Everest**—the best white

**Cushion Asters**—Dwarf, tolerant. Any one kind. 3 for \$1.65, 6 for \$2.75.

**Lilac Time**—soft lilac

**Mrs. Maddocks**—pink

**Niobe**—compact white

**Victor**—pale blue

## Astilbe Fanal

The name means "lighthouse" and the fiery red spikes brighten any garden. May-June. 15 inches high. Space 12 inches. Rich, humus, sun or semi-shade. \$.85 each, 3 for \$2.00.

## Hardy "Carnations"

**Dianthus** that look and smell like florists' carnations. Hardy. Blooms all summer.

**Grenadin Rose**—pink

**Grenadin Scarlet**—gay red

**Grenadin White**—white

Anyone kind:—3 for \$1.35.

## True Bleeding Heart

**Dicentra spectabilis.** Old favorite. Showy pink all summer. Space 19 inches, shade. Plant early in spring or wait till fall. 3 for \$1.65, 6 for \$2.75.

## Baby's Breath (Gypsophila)

**Bristol Fairy.** Very Dainty, many little blooms. 3 for \$2.00, 6 for \$3.75.

**Rosy Veil.** An early, compact dwarf Baby's Breath. Pink and white. 3 for \$1.65, 6 for \$2.75.

## Funkia (Plantain-Lily)

**Subcordata grandiflora.** The well-known white August Lily. 3 for \$1.65, 6 for \$2.75.

## Christmas Rose

**Helleborus Niger.** Tiny evergreen, with white blooms. December to March. \$1.25 each, 3 for \$3.25.

## Lenten Rose

**Helleborus orientalis.** Red-purple blooms February to April. \$1.50 each.

## Loosestrife (Lythrum)

**Morden's Pink.** Profuse spikes of rose-pink, June to Sept. Very tolerant. Height 2 ft., space 15 inches. 2 for \$1.65.

**Other Astilbes:** Any one kind: \$.85 each, 3 for \$2.00.

**Gloria White**—grand white

**Gloria Superba**—deep pink

**PERENNIAL PLANTING** is simple: Work the loose earth well in among the roots; gently to allow this. Water well to settle. If growth has started, shade from direct sun first few days.

## Hardy Chrysanthemums

Here are the best for gardens. All need good drainage, yet water and manure in summer. Pinch back shoots in June and July. Space 12 to 18 inches apart.

### "Azaleas" or Cushion Mums

Mounded bushes, covered with bloom Aug. to frost. Extra hardy.

**Pink Cushion**      **White Cushion**  
**Red Cushion**      **Yellow Cushion**

**Apricot Glow**—apricot bronze

**Santa Claus**—red and gold

**Harmony**—opens yellow turns thrupink to red. Unusual.

Any one kind: 3 for \$1.35

One each all 7 for \$3.00

### New Spoon Types

Each petal a tube, open at end. Unusual. Single or semi-double. 2 ft. early Oct.

**Pink Spoon**      **Yellow Spoon**

Any one kind: 3 for \$1.65

Two each of both \$2.25

### Large Hardy Doubles

All early Oct. extra showy, the best out of thousands considered—new and old.

**Burgundy**—glowing wine-red

**Lavender Lady**—clear color

**P.S. Dupont III**—salmon pink

**Allegro**—shrimp pink

**Red Velvet**—dark crimson

**Carnival**—red and bronze

Any one kind: 3 for \$1.65

One each of all 6 for \$3.25

### Northland Daisies

Super hardy (Zone II) and now offered in rich colors. 18 inch. Oct.

**Astrid**—shell-pink      **Kristina**—rose

Either kind: 3 for \$1.65

Two of each of both \$2.25

### Cushion Pompons

Bushy little plants filled with bloom.

**Lavender Lassie**—2 in. lavender

**Pygmy Gold**—small, intense yellow

**Charles Nye**—new yellow. Bright.

Any one kind: 3 for \$1.65

Two each all 3 kinds for \$3.25

### Extra Early Doubles

Not quite so large as some, but extra hardy, because they start in Sept. very fine new kinds.

**Algonquin**—large clear yellow

**Dean Ladd**—reddish bronze

**Olive Langland**—salmon pink

**Polar Ice**—fine new white

**Early Wonder**—peach pink

Any one kind: 3 for \$1.35

Two each of all 5 for \$4.00



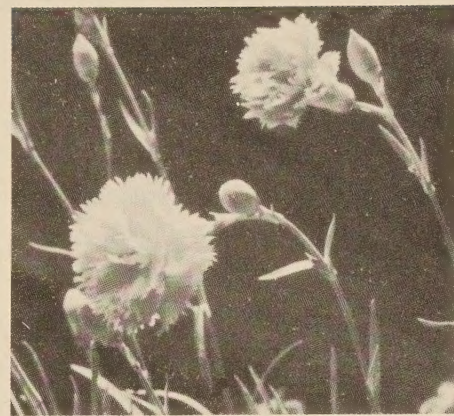
Christmas Rose



Japanese Iris



Day-Lily Hyperion



Dianthus "Hardy Carnations"

## IRIS

### Modern Tall Bearded Iris (Sun, drain, normal soil)

Up to ten blooms on tall stalks; flowers up to 4 or 5 times the size available a mere ten or fifteen years ago.

**Capitan** - big, lavender  
**Elmohr** - huge, unusual, rich mulberry purple  
**Frida Mohr** - lilac rose  
**Gudrun** - enormous white  
**Indian Chief** - good red  
**Nene** - giant lilac-rose  
**Ormohr** - unusual, Large silvery violet  
**Pink Satin** - solid pink  
**Black Douglas** - solid, very black violet  
**Treasure Island** - free-blooming solid yellow  
**Wabash** - highest rated Iris. White and violet  
 Any one kind: 3 for \$1.35  
 One each, any six: \$2.75

### BEARDLESS IRIS (Moist, part shade, fertilize)

**Siberian Hybrids**  
 June, 3 to 4 ft. 3 one kind \$1.25. 2 each both kinds - \$1.65.  
**Snow Queen.** Huge white  
**Caesar's Brother.** Big blue  
**Kaempferi Hybrids**  
 July, 2 to 4 ft. Largest Iris. 3 of one kind, \$1.75. 1 ea. of 5 kinds, \$2.75.  
**Gold Bound.** White; gold  
**Purple and Gold.** Double.  
**Seacrest.** White, blue.  
**Mahogany.** Dark red.  
**Iso-no-name.** Soft blue.

## LILIES

Easy to grow in drained soil. Part shade helps but some sun needed. Set bulbs 6 inches deep. Fertilize. Following kinds are tolerant, easily grown.

**Elegans** - Orange-red, June-July, 1½ ft. 3 for \$1.25, 6 for \$2.00

**Henryi** - Orange, August, 6 ft. 3 for \$1.65; 6 for \$2.75

**Regale** - 5 ft. July. Tolerant, sunny. A dozen blooms on a stem, pink, white, yellow blend, fragrant. 3 for \$1.25; 6 for \$2.00

**Tenuifolium** (Coral Lily) - 1 ft. Scarlet, June. 3 for \$1.25; 6 for \$2.00

**Tigrinum Splendens** - 1½ ft. Orange, black-spotted, Aug. - Sept. 3 for \$1.35; 6 for \$2.25

### Magic Lily (Lycoris)

This bulb (*Lycoris squamigera*) in Spring makes attractive leaves. They die down and a month later as if by magic a tall stalk of 10 fragrant lilies thrusts up - lilac-pink, shaded blue. Hardy, remains year after year. 2 for \$2.25.

### Lily of the Valley

**Convallaria majalis.** These are rooted clumps, ready to bloom, not mere "pips". Fragrant, white sprays in May. Rich soil, in shade. 3 for \$1.65; 6 for \$2.75

## DAY-LILIES (Hemerocallis)

The 9 best in each color and season. Sun or shade; disease-free. Each kind blooms about 4 weeks. These new kinds are sensationally handsomer than old-fashioned day-lilies: larger, brighter, showier.

### 4 YELLOWS \$5.70

**Gaiety** - early. Pale yellow. Large.....\$1.60  
**Hyperion** - huge, waxy yellow. Best..... .75  
**Pale Moon** - a large, pale yellow..... .85  
**Autumn Prince** - late, light yellow..... 2.50

### 4 REDS and PINKS Collection for \$8.50

**Baby Tears** - rosy red, ruffled.....\$1.50  
**Rosalind** - pinkest of all. Grand..... 2.50  
**Craemor Henna** - showy henna. Good..... 1.50  
**Georgia** - pink and buff. Nice..... 3.00

### 4 ORANGE \$3.05

**Dr. Regel** - early. Good bright orange.....\$ .55  
**Rajah** - scarlet orange with red..... 1.10  
**Mikado** - a very good orange..... .55  
**August Pioneer** - late, gold orange..... .85

### 4 PURPLES Collection for \$7.25

**Old Vintage** - purple, yellow throat.....\$1.50  
**Persian Princess** - red, purple..... 2.00  
**Port** - fine rosy wine flowers..... 1.75  
**Purple Waters** - dark purple..... 2.00

Photo: **SUNNY PERENNIAL BORDER** -- Ten showy yet insect-free plants for such a position are: Bearded Iris, Peonies, *Thymus serpyllum*, Asters in variety, Baptisia, Phlox, *Physostegia*, *Teucrium*, *Coreopsis*, and *Veronica*.



## TREE PEONIES \$5.50 each

Because of their novelty and great beauty, Tree Peonies are rapidly becoming one of the most desired plants. They bloom earlier than ordinary Chinese Peonies and their flowers are of immense size. These plants are established in 5 inch pots and can be moved safely at any time.

- Archiduc Ludovico.** Enormous flower, flesh pink.
- Athlete.** Double glazed mauve, shaded rose.
- Baroness d'Ales.** Vivid salmon-pink, deeper in center.
- Jules Pirlot.** Satiny-pink, flushed carmine.
- Reine Elizabeth.** Brilliant salmon-rose.
- Souv. de Ducher.** Reddish-violet with silvery reflex.

**HERBACEOUS PEONIES and ORIENTAL POPPIES** are seldom successful where spring planted. We will offer them in our fall price list mailed next August.

## HARDY PHLOX

There are getting to be so many hundreds of varieties that the following rigidly critical list will be helpful to many.

### Decussata (Summer Phlox)

July to October, Space 10 inches, sun, drained, fertilized. Never water foliage. Fine new kinds, any one kind—3 for \$1.35, 6 for \$2.25.

**Africa**—Deep carmine red with deeper red eyes. A fine new variety, very large trusses.

**Charles Curtis**—Sunset-red in large panicles. Brilliant coloring.

**Caroline Van-Den Berg**—Lavender blue without magenta.

**Daily Sketch**—Very large salmon-pink florets with crimson eye, in large panicles. An outstanding novelty.

**E.I. Farrington**—A beautiful Salmon pink with lighter eye. Large trusses. Strong grower and free bloomer.

**Leo Schlagter**—Orange scarlet florets in very large trusses, very popular.

**Lillian**—Beautiful pure pink without magenta. Good panicles of large florets. Healthy growth. New.

**Mary Louise**—Pure white in large panicles, extra large individual florets, Good grower and a free bloomer. New.

**Mrs. Jenkins**—A very satisfactory pure white variety. Very free. Medium height.

**Salmon Beauty**—Resembles Elizabeth Campbell but is a strong healthy grower. Large Salmon pink flower with white eye. A splendid variety.

### Subulata (Moss Pink)

A low spreading mat for full sun in drained soil. Bloom April and May. Any one kind—3 for \$1.35, 6 for \$2.25.

**Atropurpurea**—Showy red.

**Vivid**—Attractive pink, red eye.

**Alba**—pure white.

### Setacea (Cushion Phlox)

Compact, neater than subulata, blooms both spring and again heavily in Autumn! New. Sun, drain. 3 of one kind for \$1.65.

**Camla**—Pure glistening pink.



Photo: Phlox Camla. Outstanding.

All perennial prices postpaid. See page 52.

### New Pyrethrum

#### Hybrid Scarlet Glow

Disease free, rich soil, sun. 24 inch. May-June. Extremely large single flowers, bright scarlet novelty. 3 for \$1.65; 6 for \$2.25.

### Viola Odorata

Fragrant bloom all spring. Hardy, easily grown. Any one kind, 3 for \$1.65; 6 for \$2.25.

**Royal Robe.** Large, deep purple.

**Rosina.** Pink, blooms again Fall.

**Double Russian.** Hardy double, very free-blooming.

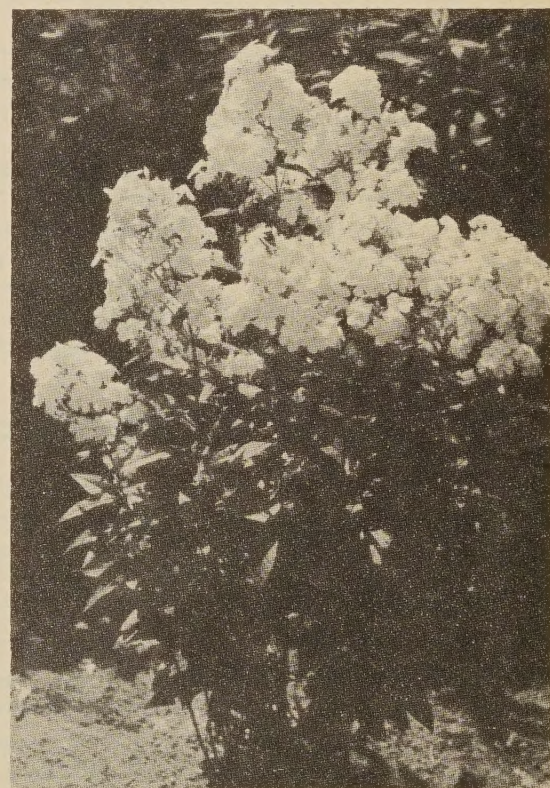
## ORNAMENTAL GRASSES

**Eulalia gracilina** — 8 ft. long, narrow blades. Attractive plumes in Autumn.

**Eulalia Zebrina (Zebra Grass)** — 6 feet. Broad white stripes cross the long blades.

**Festuca glauca** — Dwarf, tufted, with silvery gray blades. A choice edging plant.

Any one kind above:— 3 for \$1.25; 6 for \$2.00.



Phlox decussata in July

### Divaricata (Native Phlox)

April to June, 10-inch stems of lavender. Delights in shade. 3 for \$1.10; 6 for \$1.75.

### Suffruticosa (Early Phlox)

Sun, drain, space 10 inches.

**Miss Lingard**—The best early white known. June to October. 3 for \$1.35; 6 for \$2.25.

# 50 POPULAR PERENNIALS

ANY ONE KIND IN THIS COLUMN

PRICED: 3 for \$1.25 postpaid

(6 of any one kind \$2.00 postpaid)

	Height	Time of Bloom
ACHILLEA (Yarrow) Perrys White, white.....	18"	Jun-Aug
—tomentosa (Woolly Yarrow), yellow.....	18"	Jun-Sep
ACONITUM (Monkshood) Fisheri, d. blue.....	30"	Sep-Oct
AGROSTEMA coronaria, d. red.....	18"	Jun-Aug
AJUGA reptans (Bugle) low mat blue.....		May-Jun
ALYSSUM saxatile compactum, yellow.....	12"	Apr-May
ANCHUSA dropmore, blue.....	48"	Jun-Aug
AQUILEGIA (Columbine) Chrysantha, gold.....	24"	May-Jun
—Long-spurred Hybrids, mixed.....	30"	May-Jun
ARMERIA (Thrift) lauchiana, rosy.....	6"	May-Jun
—maritima (Sea Pink), pink.....	6"	May-Jun
BELLIS (English Daisy), low mat mixed.....		Apr-May
CAMPANULA carpatica, blue.....	6"	Jun-Sep
—carpatica alba, white.....	6"	Jun-Sep
—calycantha (Canterburybell), mixed.....	24"	May-Jun
—rotundifolia (Scots Bluebell), blue.....	12"	Jun-Aug
CENTAUREA montana (Cornflower), blue.....	24"	Jun-Sep
COREOPSIS grandiflora, yellow.....	18"	Jun-Aug
DIANTHUS (Pinks) alpinus, pink.....	8"	Jun-Aug
—barbatus (Sweet William), mixed.....	15"	Jun-Aug
—deltoides Major Sterns, mat crimson.....		Jun-Aug
—plumarius (Garden pinks), mixed.....	15"	May-Jun
DIGITALIS (Foxglove) Shirley, mixed.....	60"	Jun-Aug
ECHINOPS ritro (Globe Thistle), blue.....	24"	July
EUPATORIUM (Hardy ageratum), purple.....	18"	Aug-Oct
GAILLARDIA Burgundy, d. red.....	18"	Jun-Oct
—grandiflora (Blanketflower), yellow.....	18"	Jun-Oct
HIBISCUS (Giant Mallows), mixed.....	60"	Jul-Sep
HOLLYHOCK (calthaea rosea), mixed.....	60"	Jun-Aug
(separate colors: scarlet, white, yellow, pink)		
LINUM perenne (Flax), blue.....	24"	Jun-Aug
LYCHNIS chalcidonica (Campion), scarlet.....	30"	Jun-Aug
MYOSOTIS semp. (Forgetmenots), blue.....	9"	June
NEPETA mussini (Groundivy), lavender.....	12"	May-Sep
OEONTERA youngi (Eve. primrose), lemon.....	24"	Jun-Aug
PENSTEMON torreyi (Beardtongue), scarlet.....	36"	Jun-Sep
PHYSALIS (Chineselantern), (red fruit, fall).....	24"	
PHYSOSTEGIA virginica Vivid, pink.....	15"	Jul-Oct
PLATYCODON Mariesi (Balloon Fl), violet.....	12"	May-Oct
PYRETHRUM ros. (Painted Daisy), mixed.....	24"	May-Aug
SALVIA azures (Blue Sage), blue.....	36"	Aug-Sep
SAPONARIA ocymoides, trailing, mat pink.....		May-Jul
SEDUM (stone crop) Kamchaticum, orange.....	12"	June
—Kamchaticum variegated, orange.....	12"	June
—spurium coccineum, d. red.....	6"	Aug-Sep
STATICE latifolia (Sea Lav'r), lavender.....	15"	Jul-Aug
STOKESIA cyanea, lavender.....	18"	Jun-Aug
TRITOMA pfitzeri (Torch lily), scarlet.....	30"	Aug-Oct
VALERIANA coccinea, rose.....	12"	Jun-Jul

# 50 CHOICE PERENNIALS

ANY ONE KIND IN THIS COLUMN

PRICED: 3 for \$1.65 postpaid

(6 of any one kind \$2.75 postpaid)

	Height	Time of Bloom
AETHEONEMA grandiflora, rose-pink.....	10"	June
—Warley Rose (Persian candytuft), rose.....	6"	May-Jun
ANEMONE hupehensis (windflower), rose.....	12"	Aug-Oct
—japonica alba, single waxy white.....	30"	Sep-Oct
—japonica Queen Charlotte, dbl. pink.....	30"	Sep-Oct
—pulsatilla (Pasque flower), purple.....	12"	April
—sylvestris (snowdrop W.fl.), white.....	12"	May-Jun
BETONICA grandiflora (Betony).....	24"	Jun-Aug
CAMPANULA garganica large blue, trails....		Jun-Sep
—persicifolia (Peachleaf Bells), blue.....	24"	Jun-Jul
—poscharskyana, larger blue.....	6"	Jun-Sep
DELPHINIUM belladonna, azure blue.....	36"	Jun-Sep
—bellamosum, deep blue.....	36"	Jun-Sep
—chinensis, intense gentian blue.....	18"	Jul-Oct
—Pacific Giants, large double mixed.....	60"	Jun-Sep
DICTAMNUS fraxinella (Gas plant), rosy.....	24"	Jun-Jul
—fraxinella alba, white.....	24"	Jun-Jul
DORONICUM caucasicum, yellow.....	24"	May-Jun
GEUM (Avens) Borisi, orange-scarlet.....	8"	July
—Fire Opal, fiery double scarlet.....	18"	June
—Princess Juliane, apricot yellow.....	18"	June
HELENIUM Riverton Gem, old-gold & red.....	40"	Sept.
HELIOPSIS incomparabilis, new, yellow.....	30"	Jul-Sep
IBERIS sempervirens (Candytuft), white.....	6"	May
—Little Gem, compact, neat.....	6"	May
—Snowflake, large white, compact, white....	6"	May
INCARVILLEA Grand. (Hardy Gloxinia), red.....	18"	May-Oct
OMPHALODES verna, azure blue, creeping...		April
—verna alba, (creeping Forgetmenot), white		April
PLATYCODON grandiflora Shell Pink, pink..		May-Oct
PLUMBAGO larpentae (Leadwort), dp. blue..	6"	Sep-Oct
PRIMULA edelstein (Primrose), purple-blue..	4"	May
—Heleniae (hybrid), burgundy-red.....	6"	May
—veris Giant Munstead Strain, mixed.....	9"	Apr-May
—veris Monark Strain-fragrant, pastel.....	9"	Apr-May
—veris Giant Orange, orange.....	9"	Apr-May
—veris Giant Red, red.....	9"	Apr-May
—veris Giant Yellow, yellow.....	9"	Apr-May
RUDBECKIA purpurea (Coneflower), purple..	36"	Jun-Aug
—The King, deep crimson, copper center....	36"	Jun-Sep
SCABIOSA hybrids, mixed mostly blues.....	18"	Jun-Sep
STOKESIA Blue Moon, insect-tree, blue.....	18"	Jun-Nov
THALICTRUM aquilegifolium, purple.....	36"	May-Jun
—glaucum (Meadowrue), fragrant yellow.....	24"	Jun-Jul
TROLLIUS europ. Orange Globe, big gold....	18"	May-Aug
TRUICA saxifraga fl. plena, double pink.....	6"	May-Nov
VERBASCUM Pink Domino, pink.....	36"	Jun-Sep
VERONICA incana (Speedwell), blue.....	12"	Jul-Aug
—incana rosea taller spikes, pink.....	15"	Jul-Aug
—spicata Blue Spire, deep blue.....	24"	Jun-Jul
—rupestris nana rosea, pink mat.....		May

# Wild Flowers

Success with wild flowers is simply a matter of putting them in the soil, exposure and general climate to which they are accustomed. It is important to arrange gardens where associated plants are grouped, rather than try to make artificial differences of soil in the same bed. Coddling is apt to do more harm than good.

LADY'S  
SLIPPERS



## Amsonia

**Amsonia tabernaemontana**—24 inch. Dainty border plant, pale blue in May. Shade. 3 for \$1.35; 6 for \$2.25 postpaid.

## Columbine

**Aquilegia canadensis**—2 ft. Red and yellow in late spring. Well-drained, sun or part shade. 3 for \$1.25; 6 for \$2.00 postpaid.

## Jack-in-the-Pulpit

**Arisaema triphyllum**—8 inch. Maroon in May. Humus, light shade, moist. 6 for \$1.50; 20 for \$2.25 postpaid.

## Butterflyweed

**Asclepias tuberosa**—18 inch. Orange in June-July. Sunny, well-drained. 3 for \$1.25; 6 for \$2.00 postpaid.

## Poppy Mallow

**Callirhoe involucrata**—Prostrate, trailing plant. Large rosy crimson flowers all summer and early fall. Dry, sunny. 3 for \$1.35; 6 for \$2.25 postpaid.

## Wild Senna

**Cassia marilandica**—5 ft. Large clusters of bold yellow pea-flowers in August-September. Sun. 3 for \$1.35; 6 for \$2.25 postpaid.

## Turtle Heads

**Chelone Lyoni**—30 inch. Rose pink in late summer. Moist soil, but well drained. Sun. 3 for \$1.25; 6 for \$2.00 postpaid.

## White Bugbane

**Cimifuga racemosa**—4 ft. Spikes of white, July-August. Stands shade. 3 for \$1.25; 6 for \$2.00 postpaid.

## Lady Slippers

Orchids, hardy outdoors in moist, peaty shade. Bloom in May. 3 of one kind \$1.75; 6 for \$3.00 postpaid.

(3 each both kinds \$3.25 postpaid)

**Cypripedium pubescens**—Yellow Lady Slipper. Bright color.

**Cypripedium spectabile**—Showy Lady Slipper. Rosy pink, white sepals.

## Dutchmans Breeches

**Dicentra cucularia**—5 inch. White in early spring. Well drained, shade. 3 for \$1.25; 6 for \$2.00 postpaid.

## Plumy Bleeding-heart

**Dicentra eximia**—12 inch. Rose pink throughout summer. Handsome cut foliage. Sun or shade. 3 for \$1.35; 6 for \$2.25 postpaid.

## Shooting Star

**Dodecatheon media**—12 inch. Pink, April to May. Rosettes of large green leaves. Light moist soil, some shade. 3 for \$1.25; 6 for \$2.00 postpaid.

## Dog Tooth Violet

**Erythronium americanum**—6 inch. Attractive mottled foliage. Bright yellow flowers in early spring. 3 for \$1.35 postpaid. \$10 per 100 express not paid.

## Flowering Spurge

**Euphorbia corollata**—18 inch. Large heads of little white flowers in summer. Good cut flower. Any garden soil. 3 for \$1.25; 6 for \$2.00 postpaid.

## Blind Gentian

**Gentiana Andrewsii**—12 inch. Bright blue large flowers in clusters, August-September, that never open. Handsome, rare, moist soil. 3 for \$.25; 6 for \$2.00 postpaid.

## Coral Bells

Native to the West and South-West, handsome low leaves, with tall panicles of bloom nearly all summer. Ordinary soil. Any one kind, 3 for \$1.65; 6 for \$2.75 postpaid.

**Heuchera brizoides (lithophila)**—2 ft., pale rose pink. Strong grower.

**Heuchera sanguinea**—15 inch. Bright coral red.

---sang. **Rain of Fire**—bright scarlet.

---sang. **Perrys White**—good white.

## Liverleaf Hepatica

**Hepatica triloba**—6 inch. Flowers vary from pink to blue-white, early spring. Acid, shade. 3 for \$1.25; 6 for \$2.00 postpaid.

## Blazing Star

**Liatris pycnostachya**—5 ft. Tall spikes of rich purple in August-September. Unusual and attractive. Well-drained soil. 3 for \$1.25; 6 for \$2.00 postpaid.

## Virginia Blue Bells

**Mertensia Virginica**—1 foot. Sheets of brilliant blue in early spring. Part shade. 3 for \$1.25; 6 for \$2.00 postpaid.

## Cardinal Flower

**Lobelia cardinalis**—4 ft. Tall spikes of most brilliant scarlet in August. Rich, moist soil. 3 for \$1.25; 6 for \$2.00 postpaid.

## Great Solomons Seal

**Polygonatum commutatum**—30 inches. White flowers in May. Handsome leaf. Peat, light shade. 3 for \$1.25; 6 for \$2.00 postpaid.

## Bloodroot

**Sanguinaria canadensis**—18-inch. Pink-white in April. Rich soil in shade. 3 for \$1.25; 6 for \$2.00 postpaid.

## Carolina Lupine

**Thermopsis caroliniana**—3 feet. Spikes of yellow pea-flowers in June-July. 3 for \$1.25; 6 for \$2.00 postpaid.

## Trillium

Favorite lily-like natives, for shady woods. Flowers must not be picked. Any one kind 6 for \$1.25 postpaid. (\$20 per 100 express not paid.)

**Trillium grandiflorum**—large white flowers in May, turn pink as they age.

**Trillium undulatum (Painted Trillium)**—large scarlet and white flowers.

## Birds Foot Violet

**Viola pedata bicolor**—4 inch. Violet and white May and June. Most attractive. Acid soil, not too rich. 3 for \$1.25; 6 for \$2.00 postpaid.